



Dual Induction Log

DIGITAL LOG (785) 625-3858

API No.	15-109-20,909-00-00	
Company	Murfin Drilling Co., Inc.	
Well	J & J Kuhlman No. 2-4	
Field	Wildcat	
County	Logan	State Kansas
Location	2700' FEL & 1100' FNL	
Sec: 4	Twp: 13S	Rge: 32W
Permanent Datum	Ground Level	Elevation 3041
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	K.B. 3051
		D.F. 3041
		G.L. 3041

Date	05/16/2010
Run Number	One
Depth Driller	4740
Depth Logger	4739
Bottom Logged Interval	4738
Top Log Interval	200
Casing Driller	8.625 @ 227
Casing Logger	223
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	3,200
Density / Viscosity	9.1 53
pH / Fluid Loss	11.5 6.8
Source of Sample	Flowline
Rm @ Meas. Temp	1.1 @ 70
Rmf @ Meas. Temp	.82 @ 70
Rmc @ Meas. Temp	1.48 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	.61 @ 125
Operating Rig Time	5 Hours
Max Rec. Temp. F	125
Equipment Number	17
Location	Hays
Recorded By	Jason Wellbrock
Witnessed By	Tom Funk

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858

 Oakley S to Gove rd, 1 1/2 W, S Into

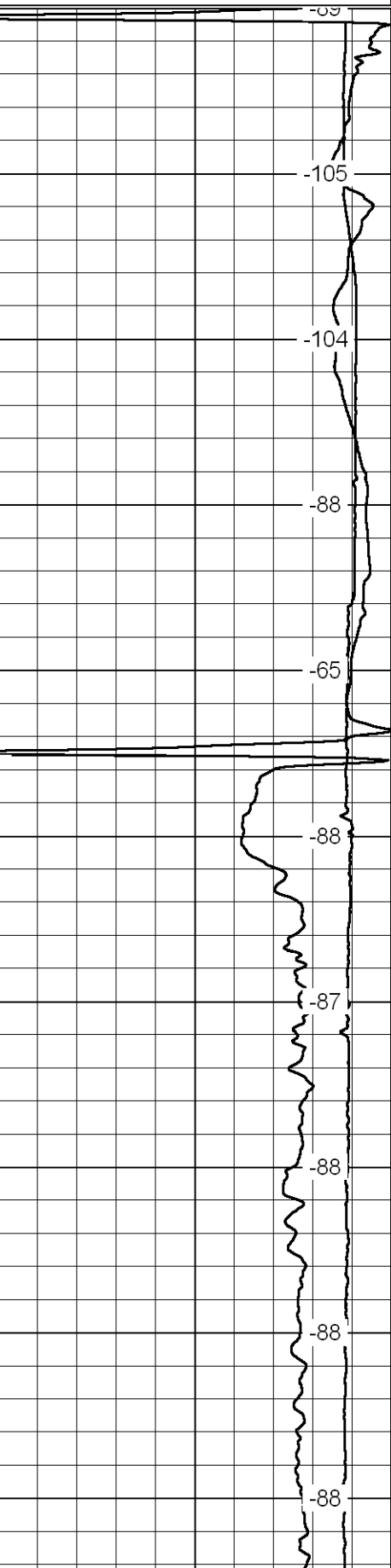
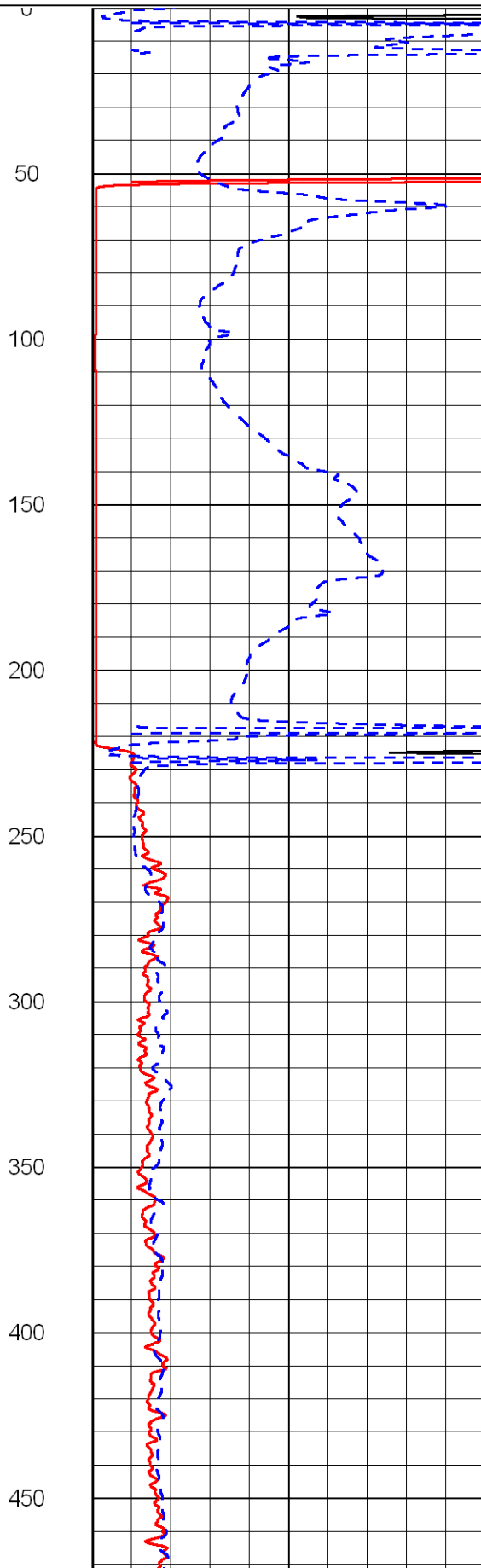
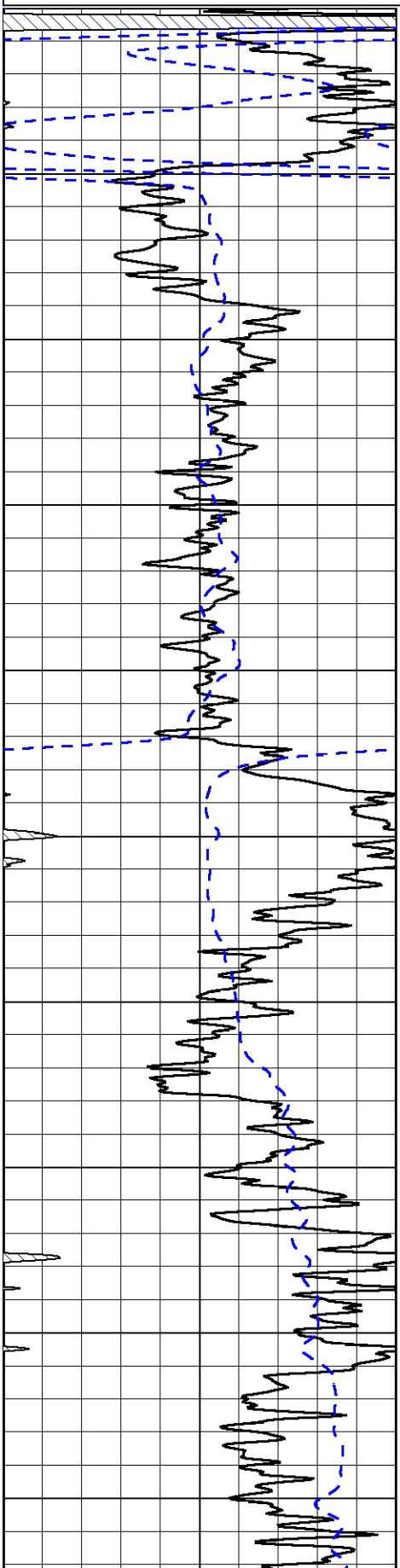
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 Presentation Format: dil2in
 Dataset Creation: Sun May 16 15:18:48 2010
 Charted by: Depth in Feet scaled 1:600

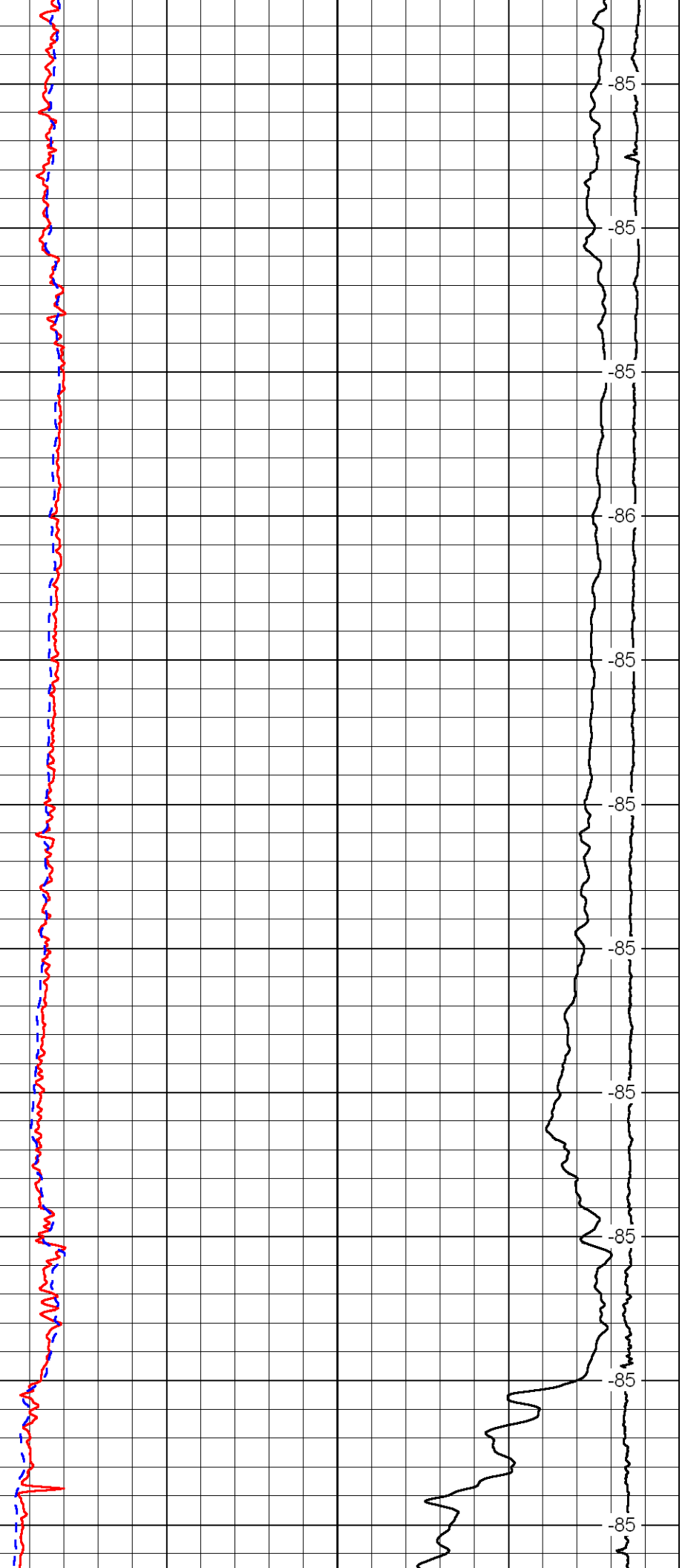
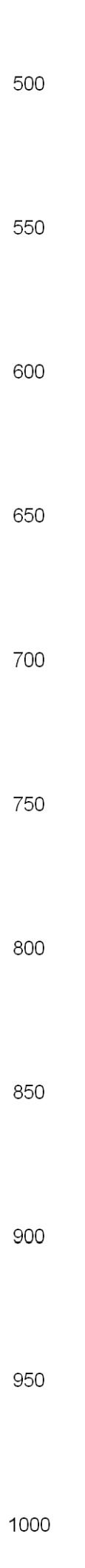
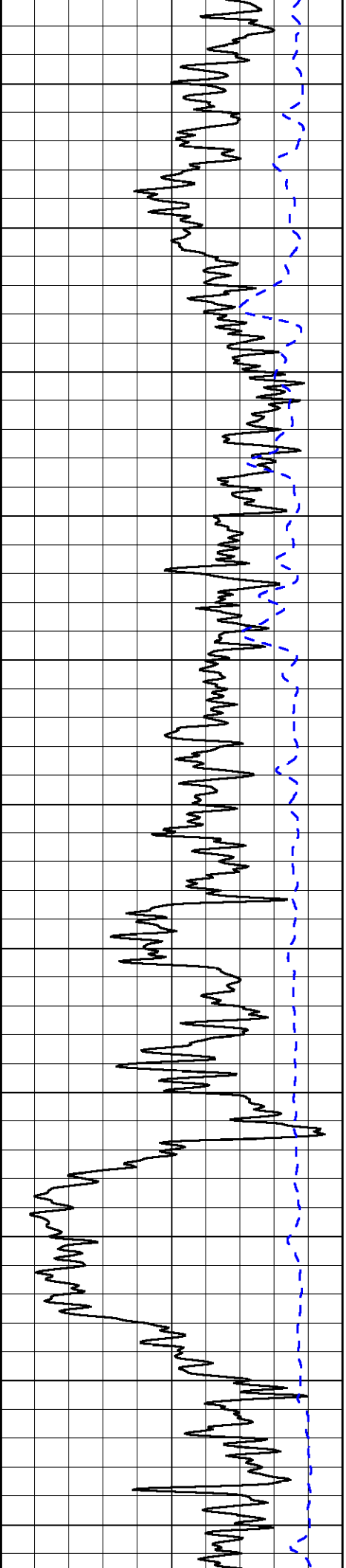
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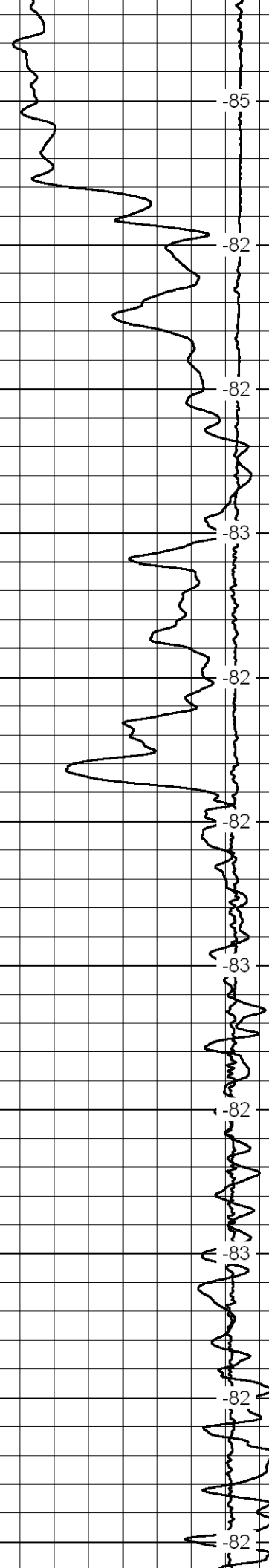
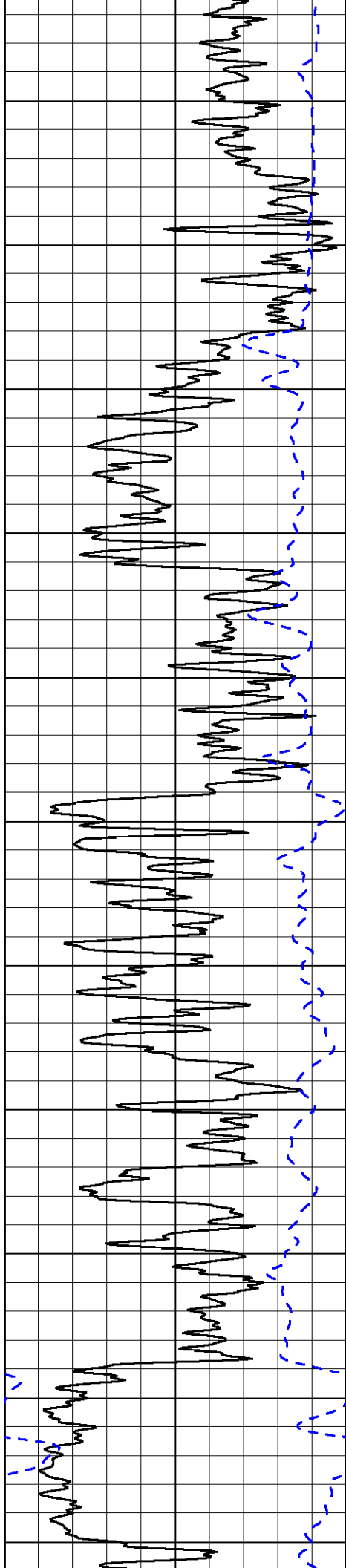
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0	Deep Resistivity	50
1000	Conductivity	0
15000	Line Tension	0

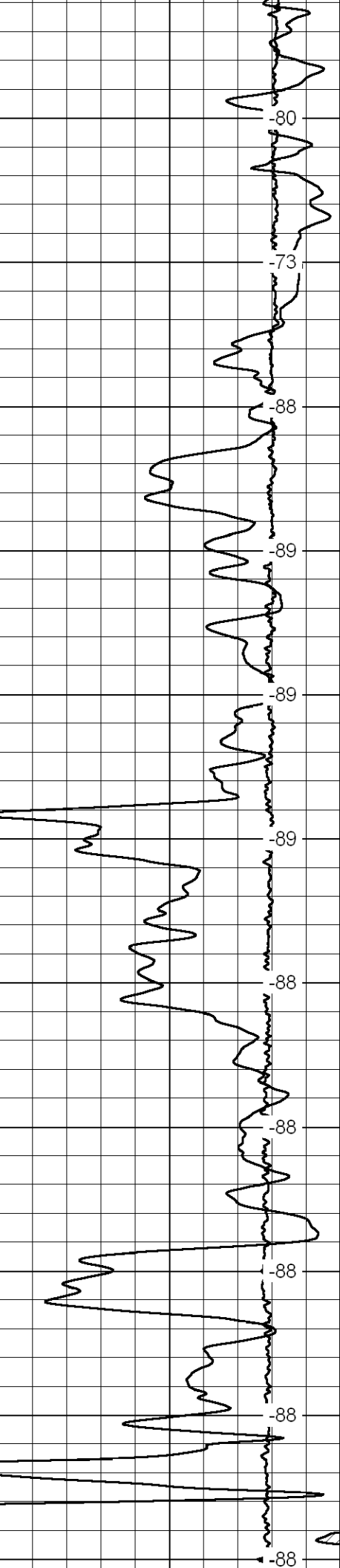
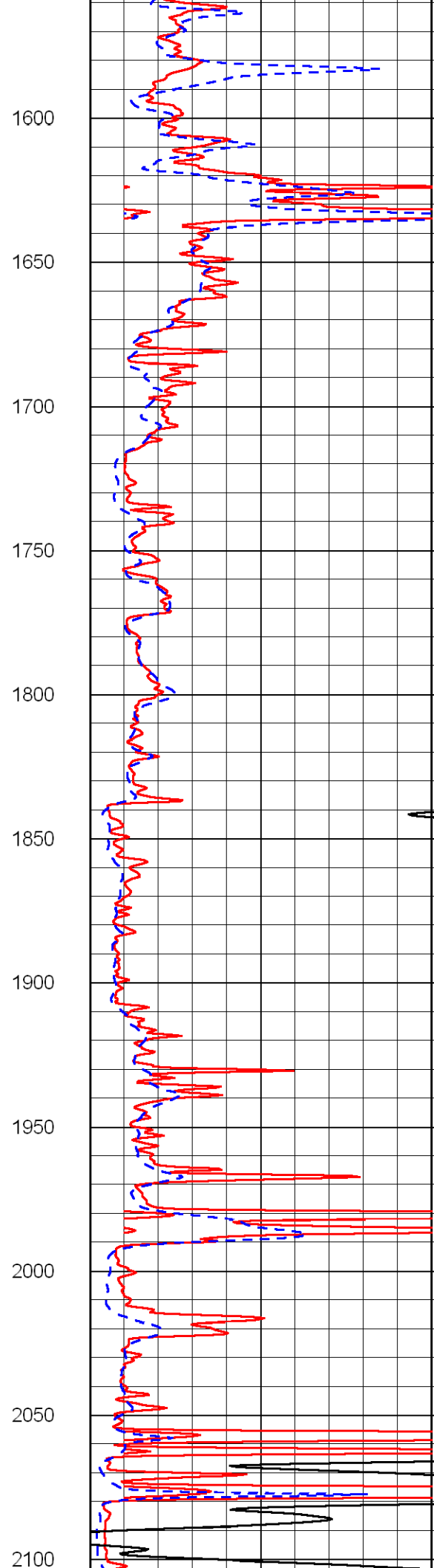
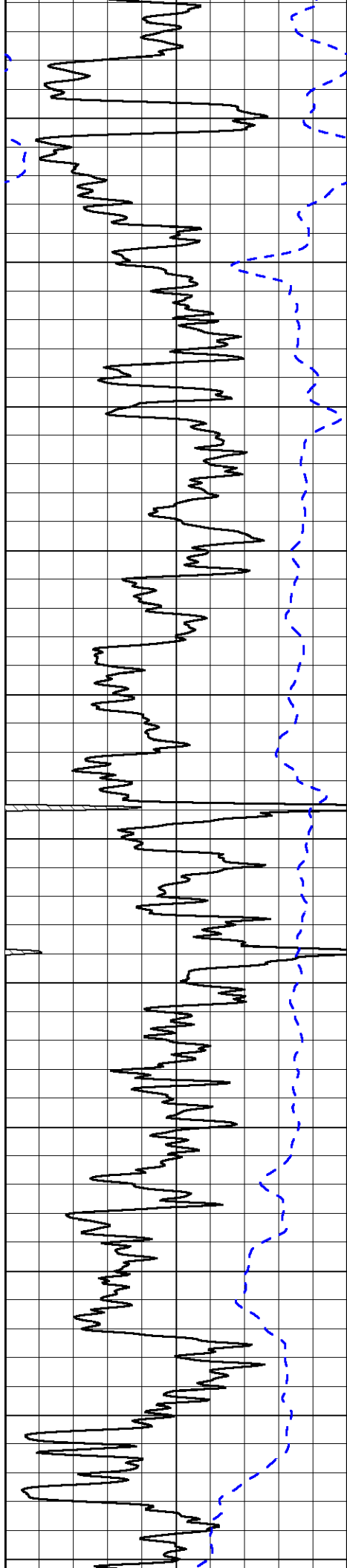
LSPD

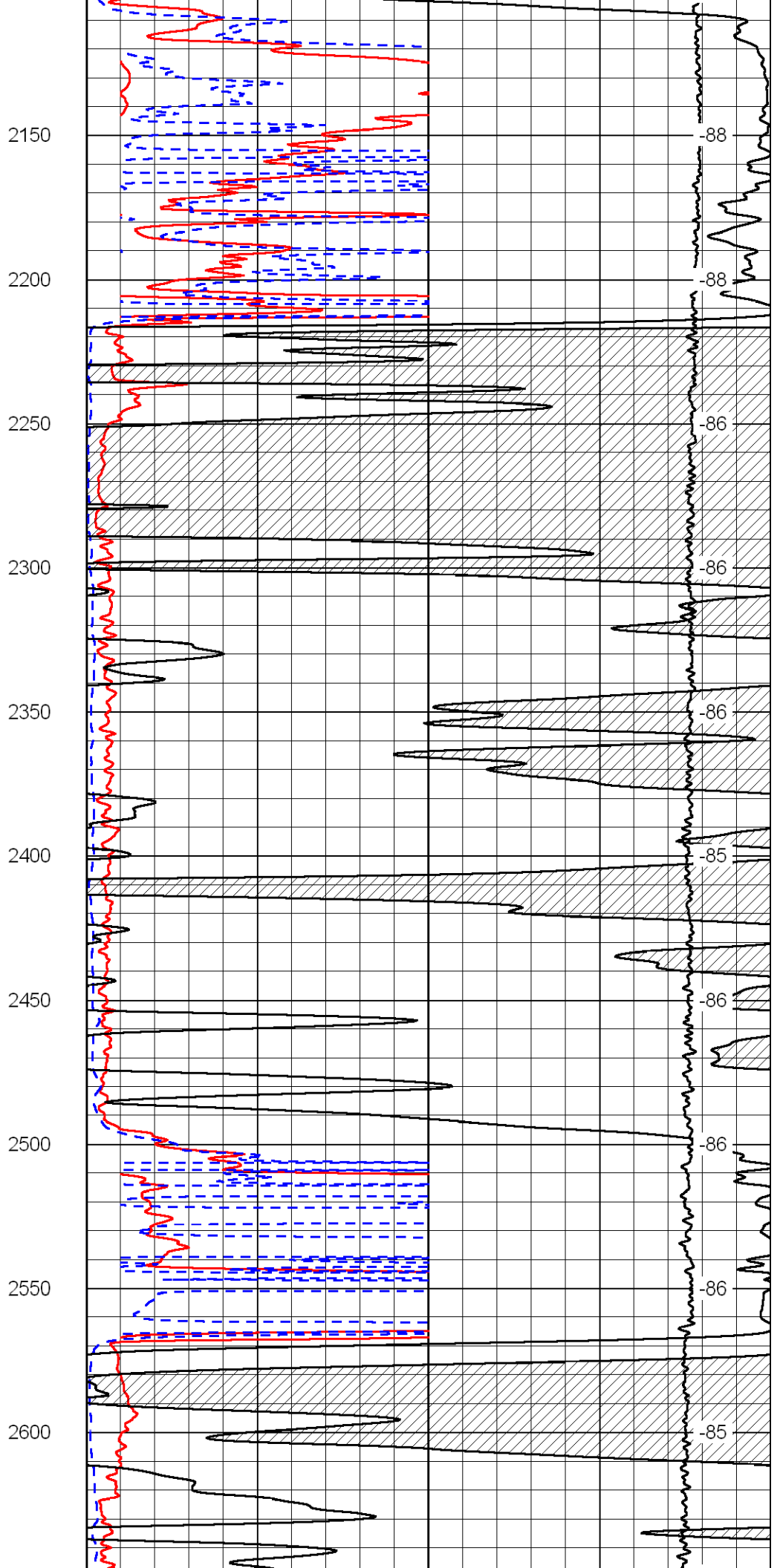
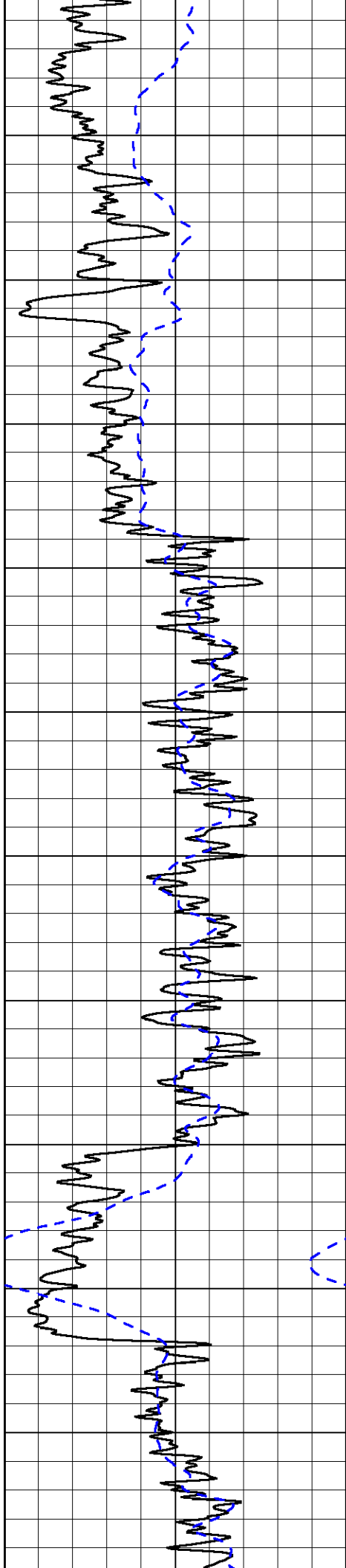
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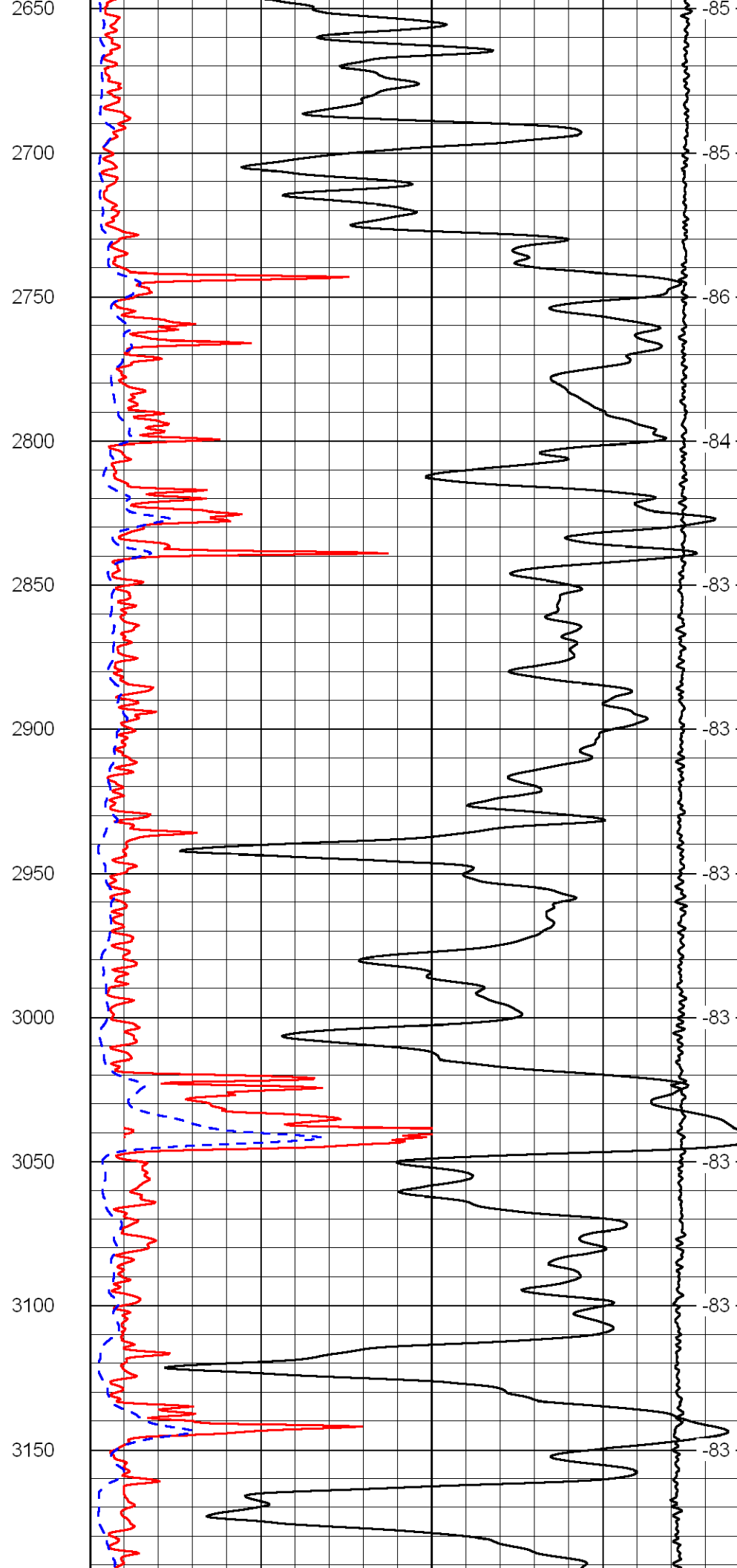
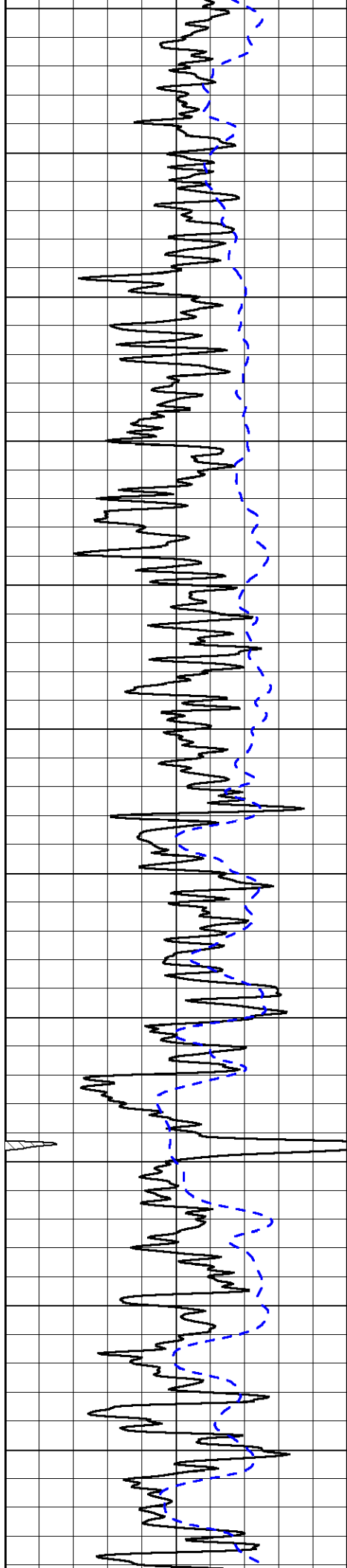


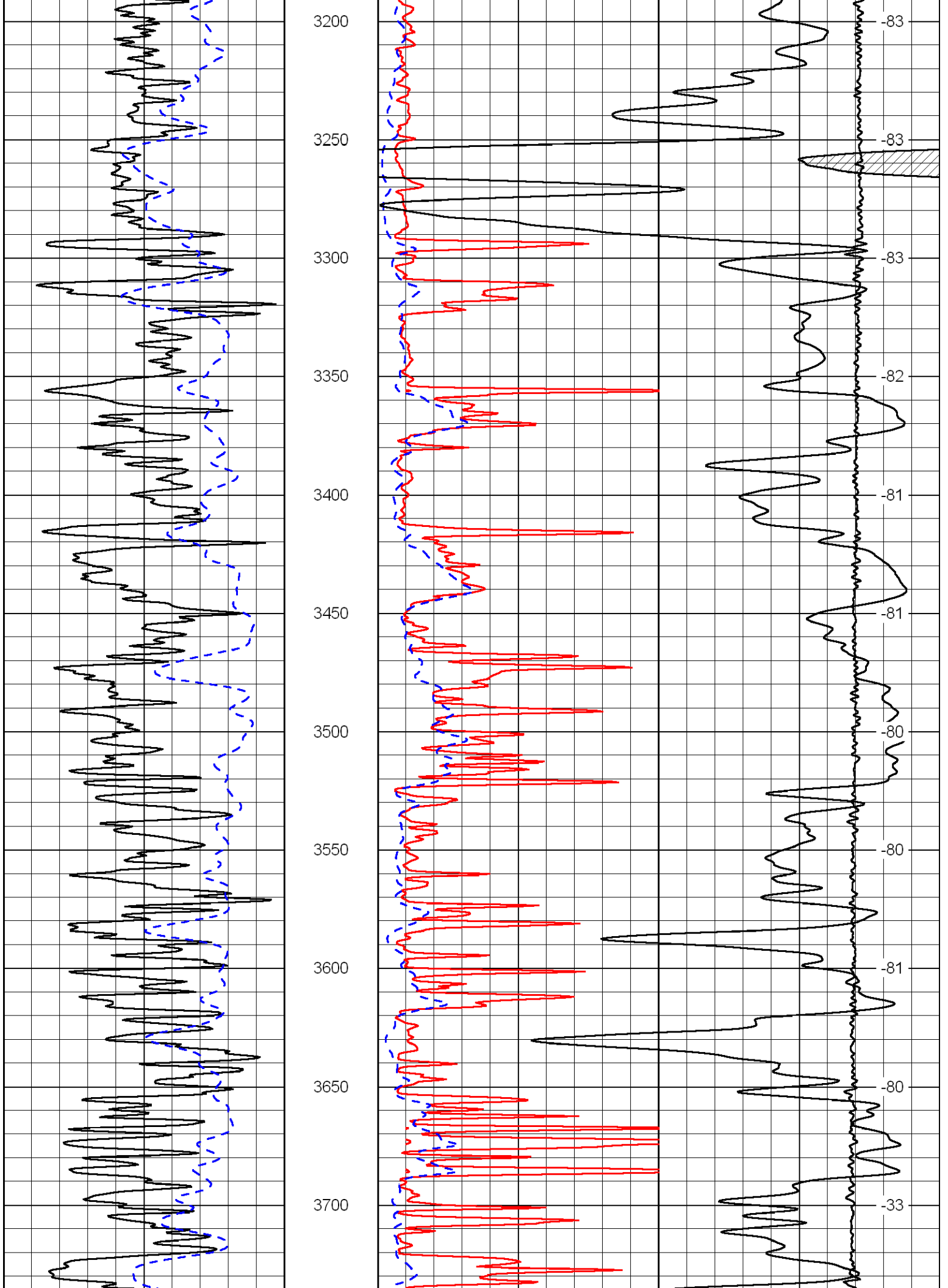


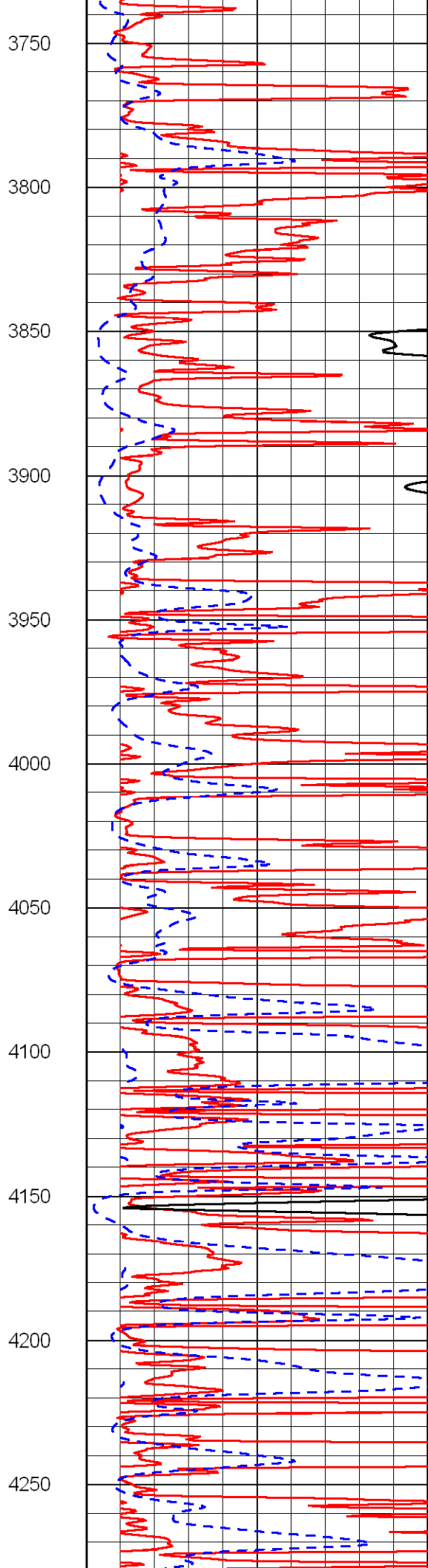
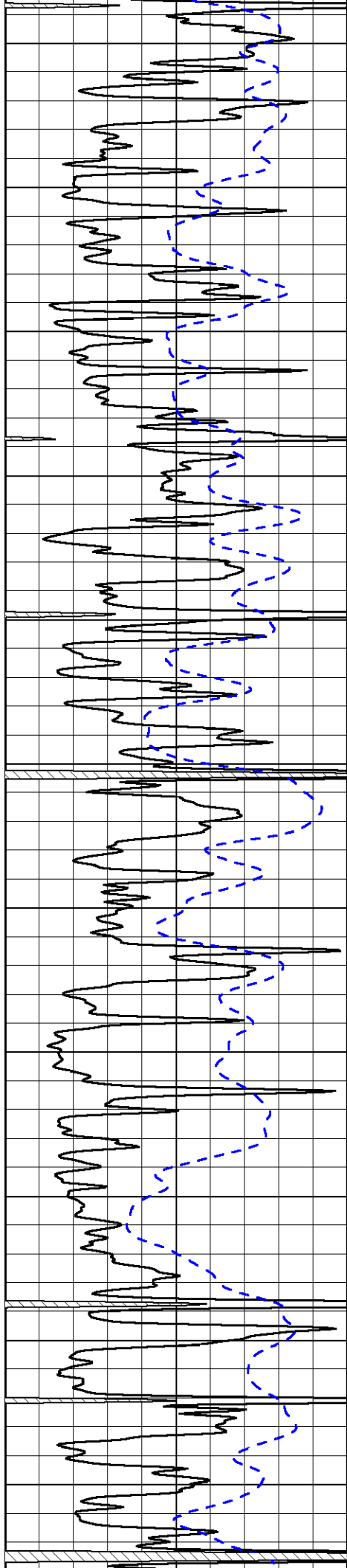


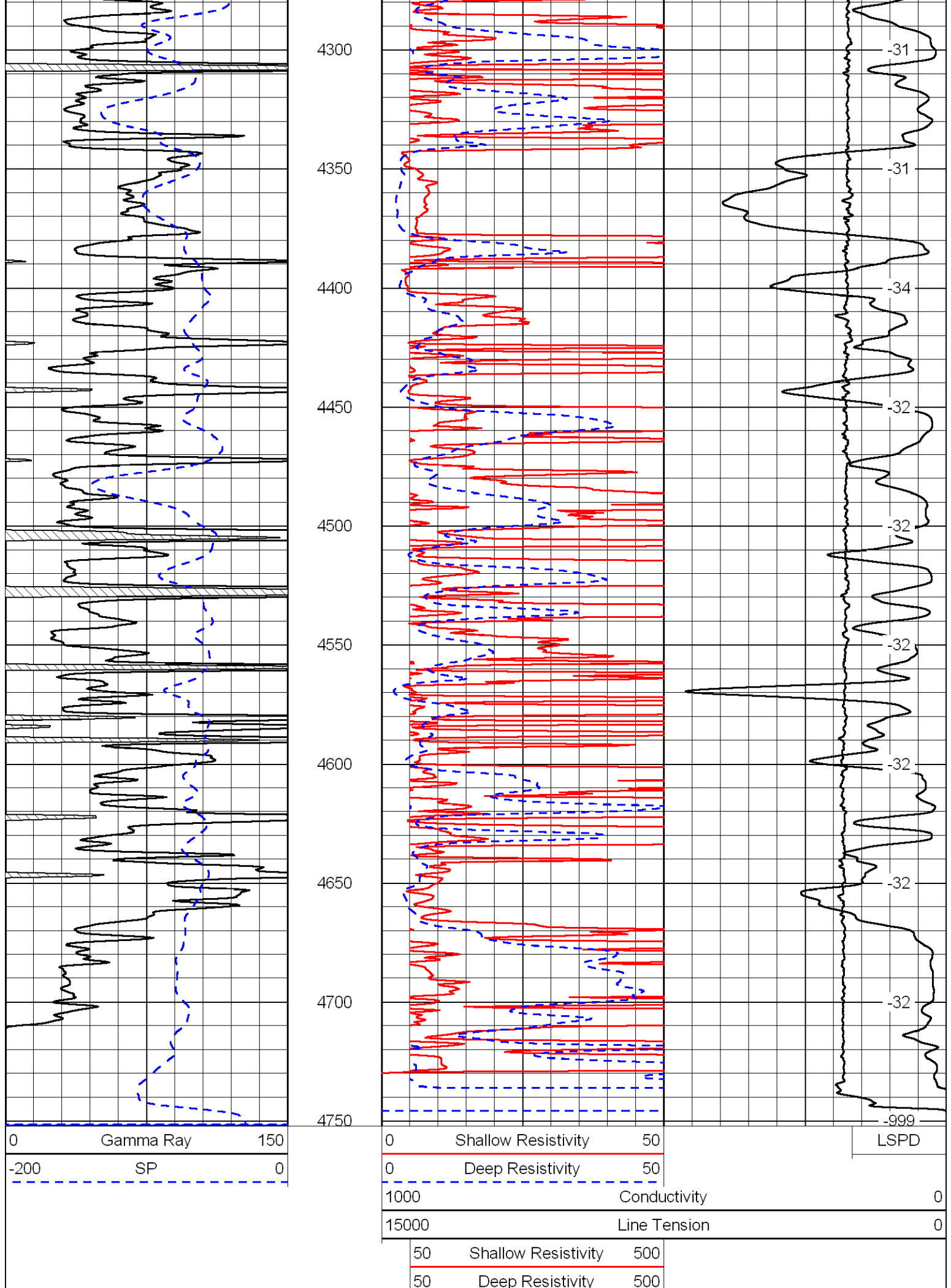










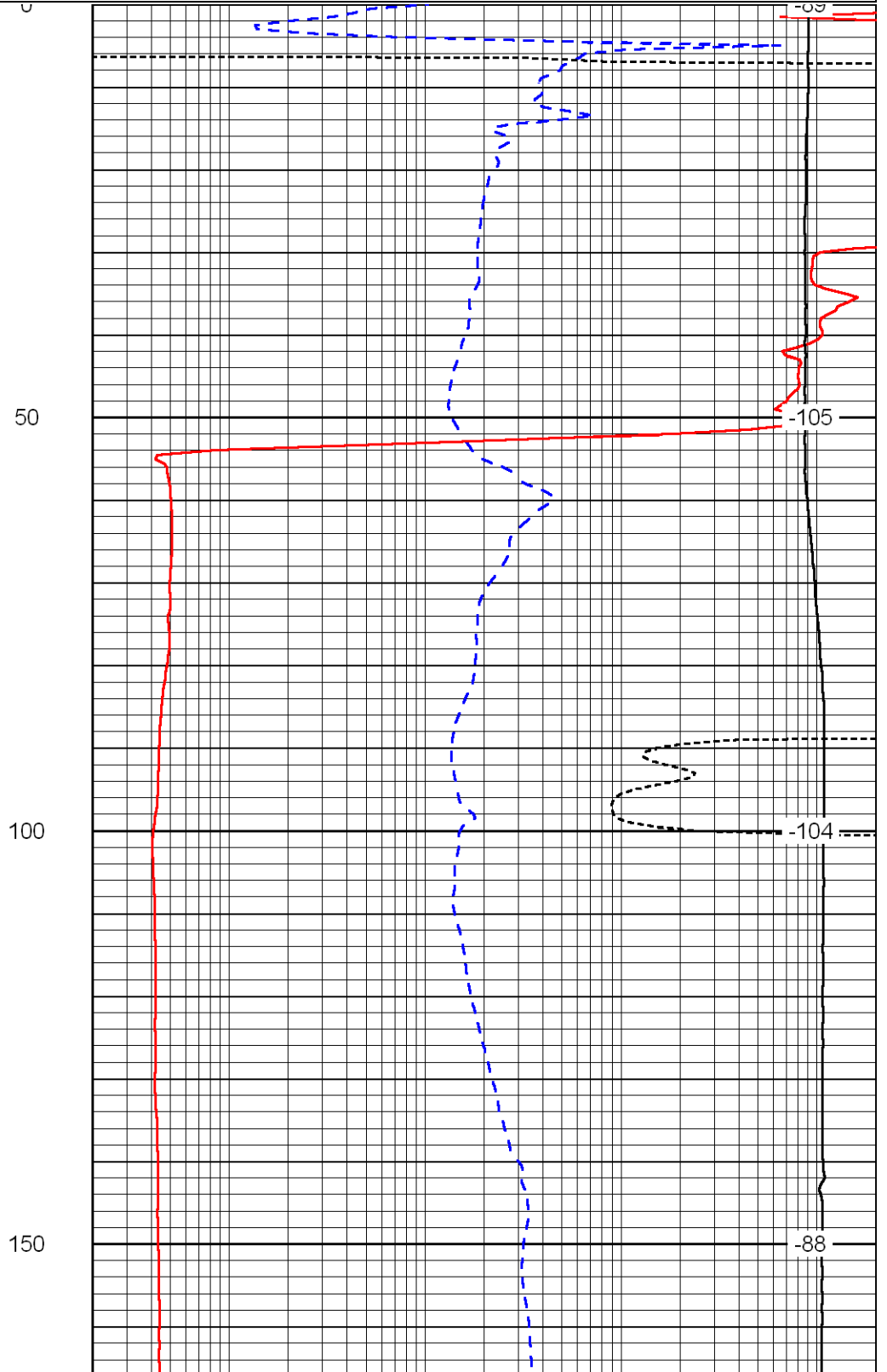
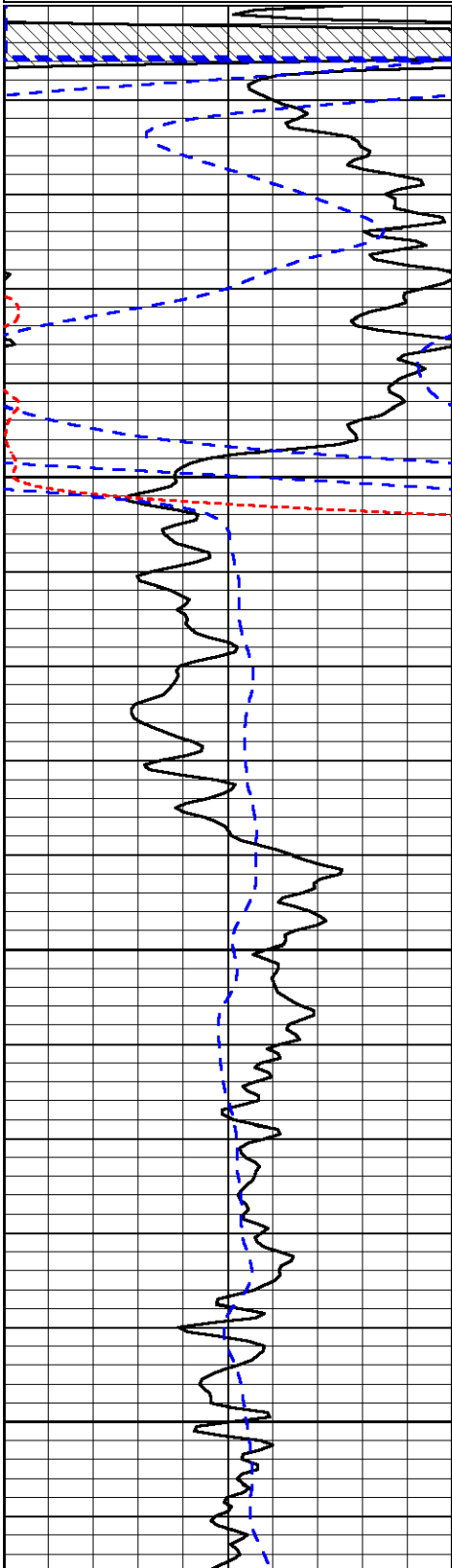


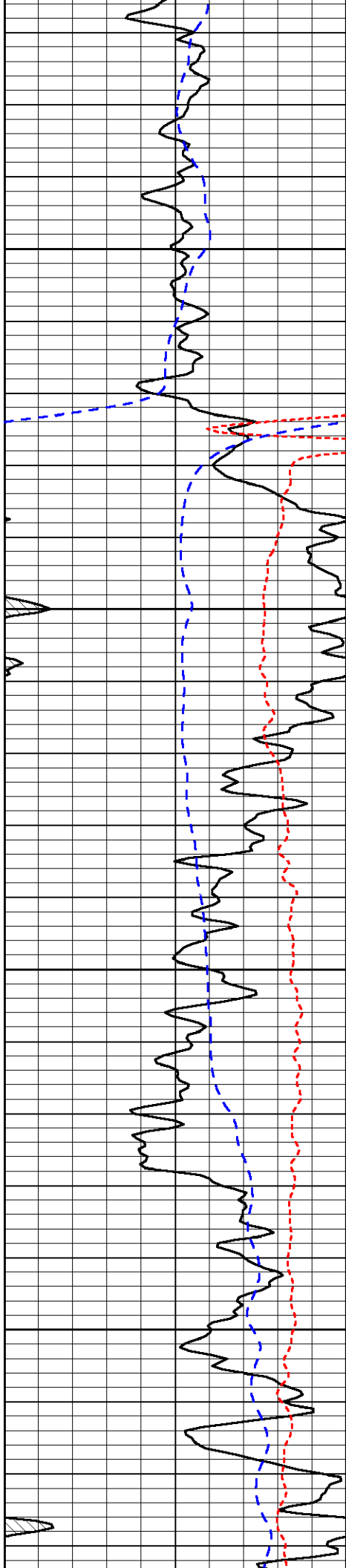
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0	Gamma Ray	150
-160	RXO/RT	40
-200	SP	0

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
10000	Line Tension	0

LSPD



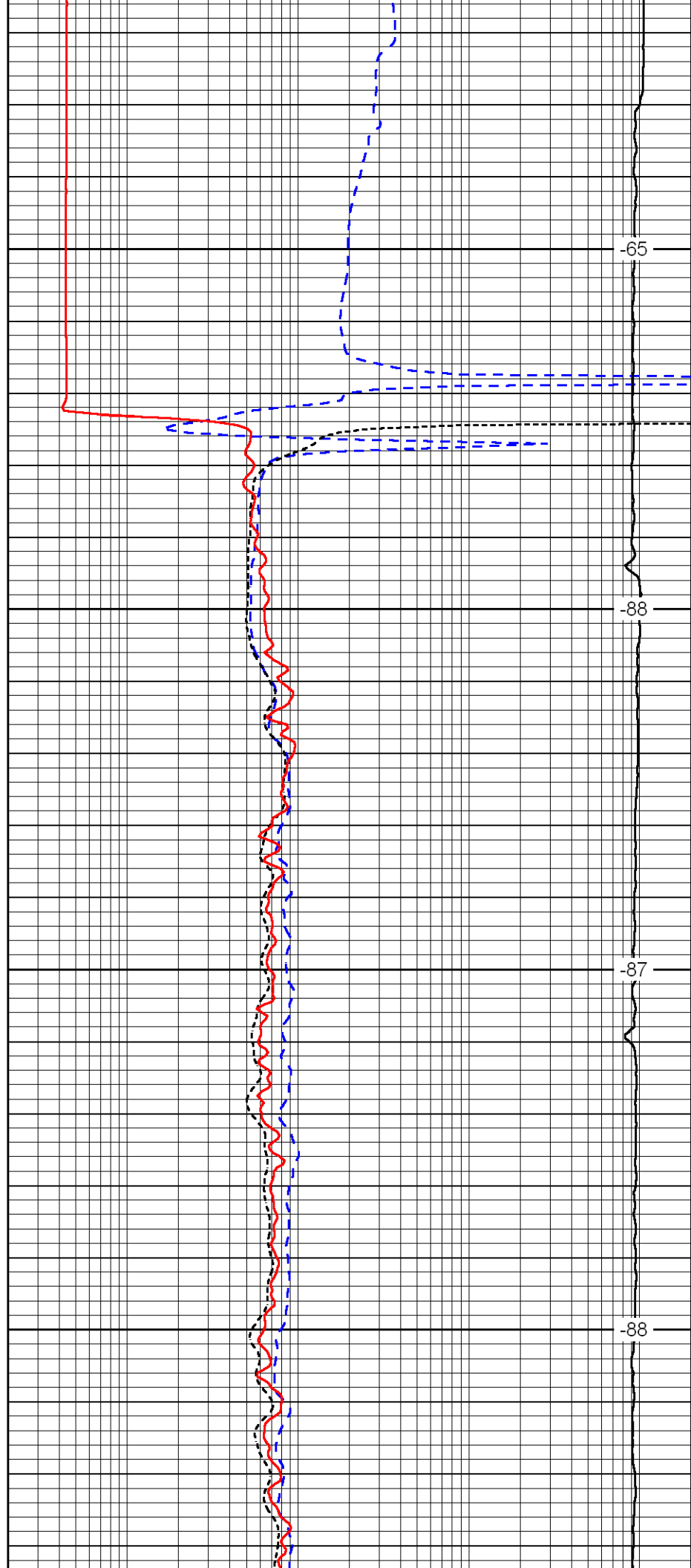


200

250

300

350

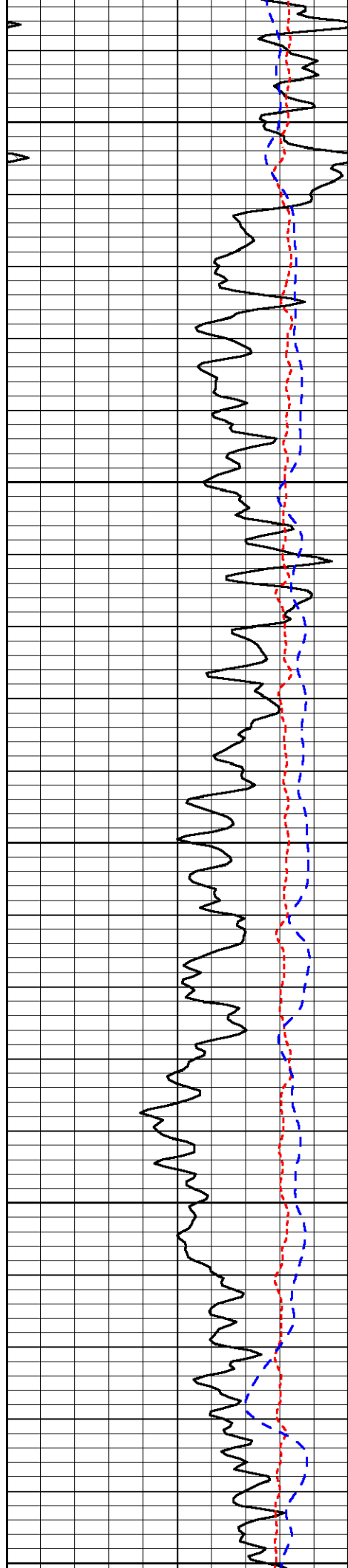


-65

-88

-87

-88



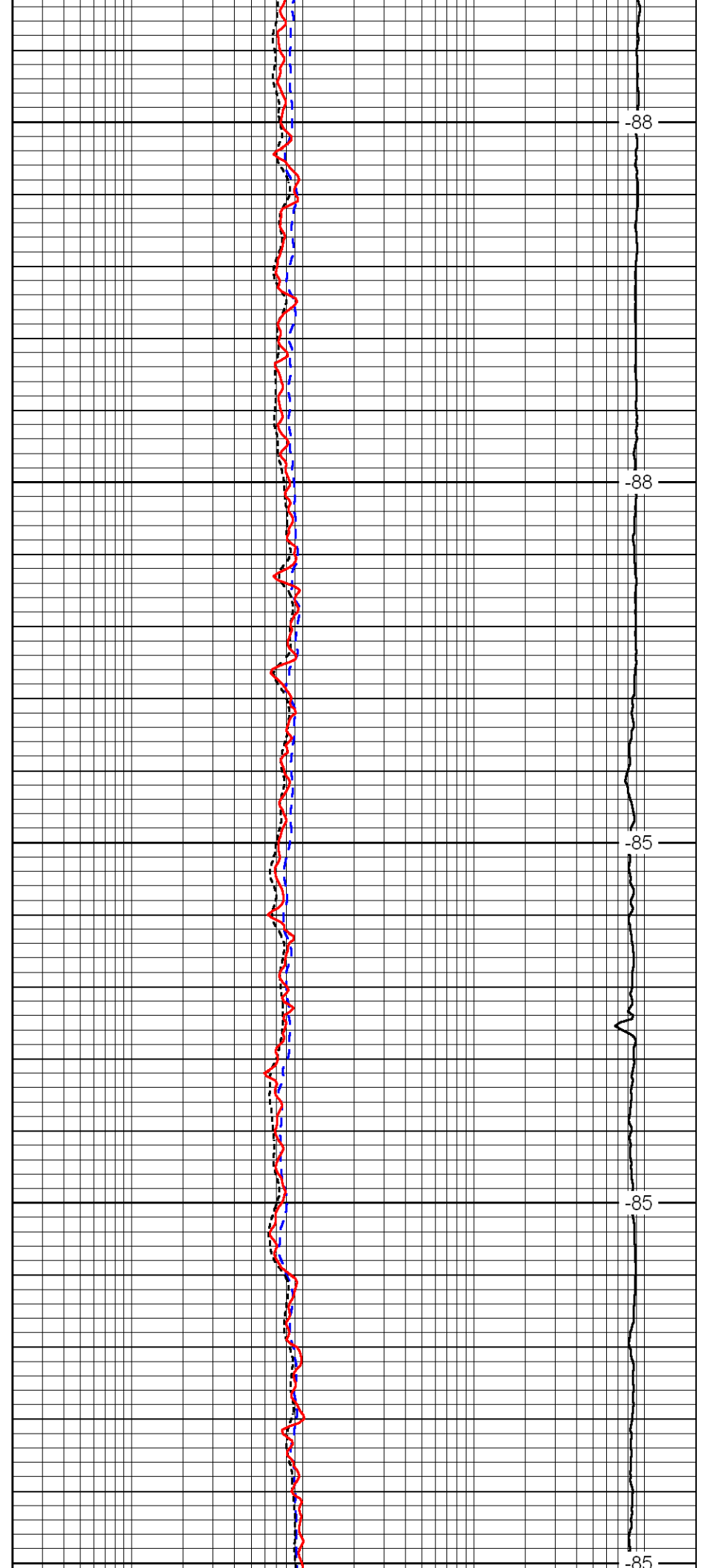
400

450

500

550

600



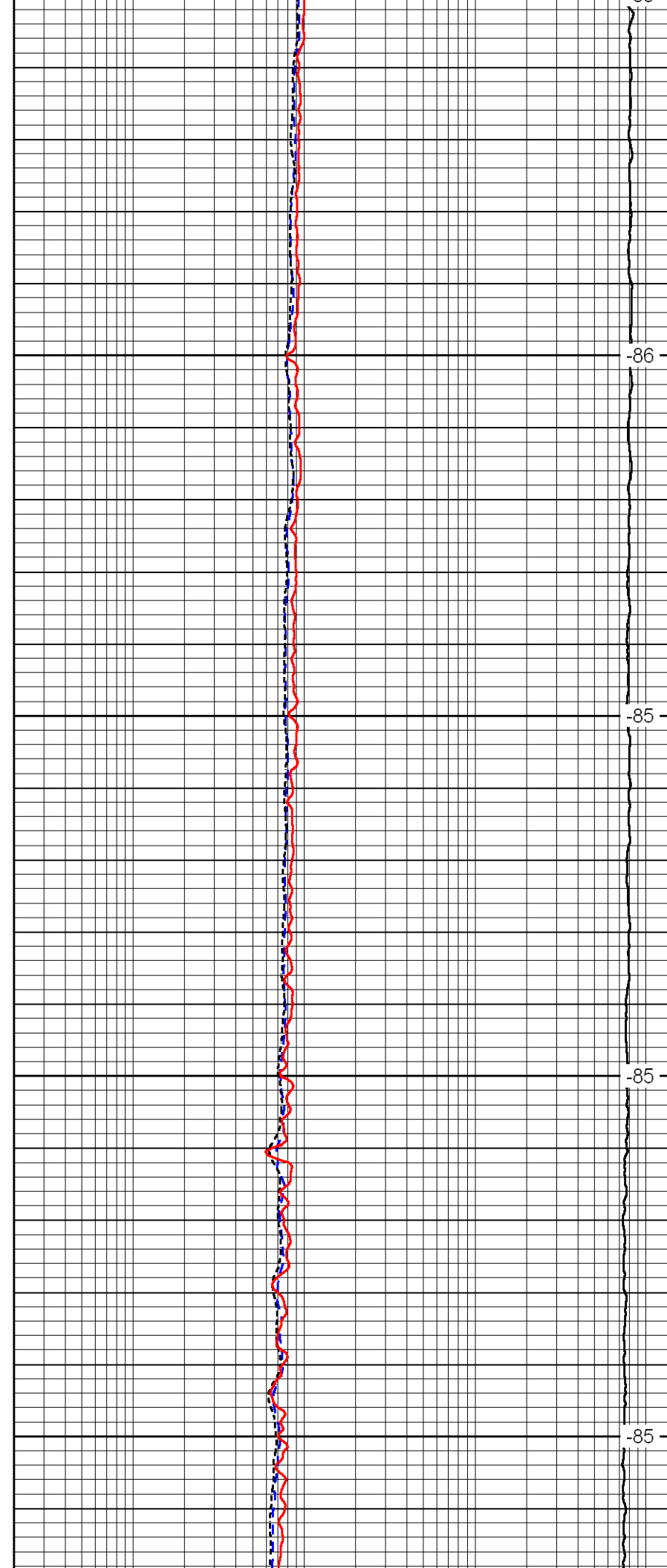
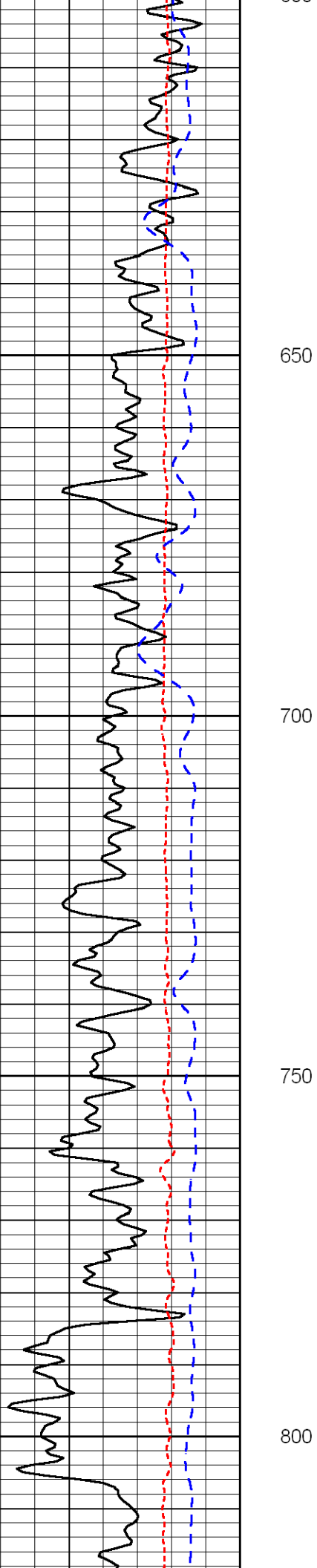
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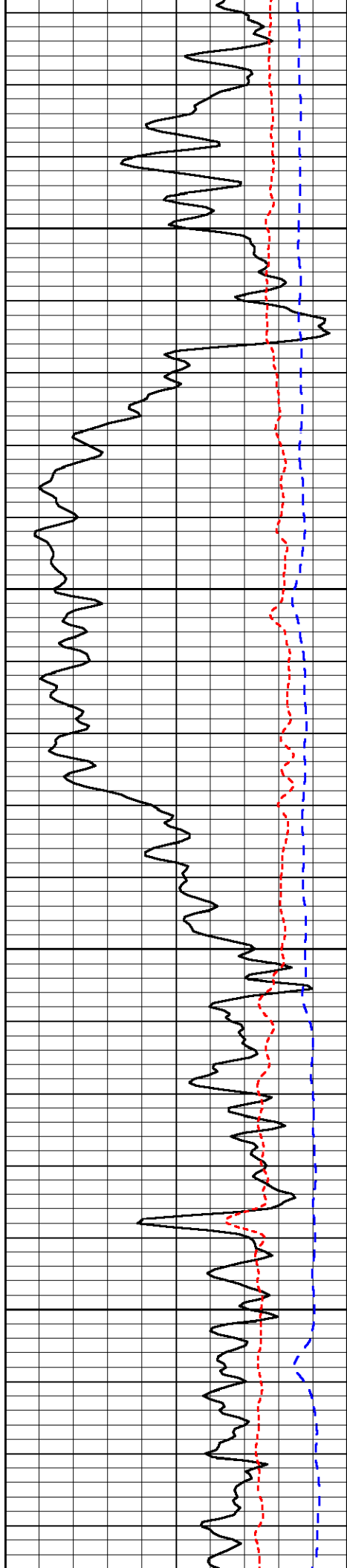
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-85

-85

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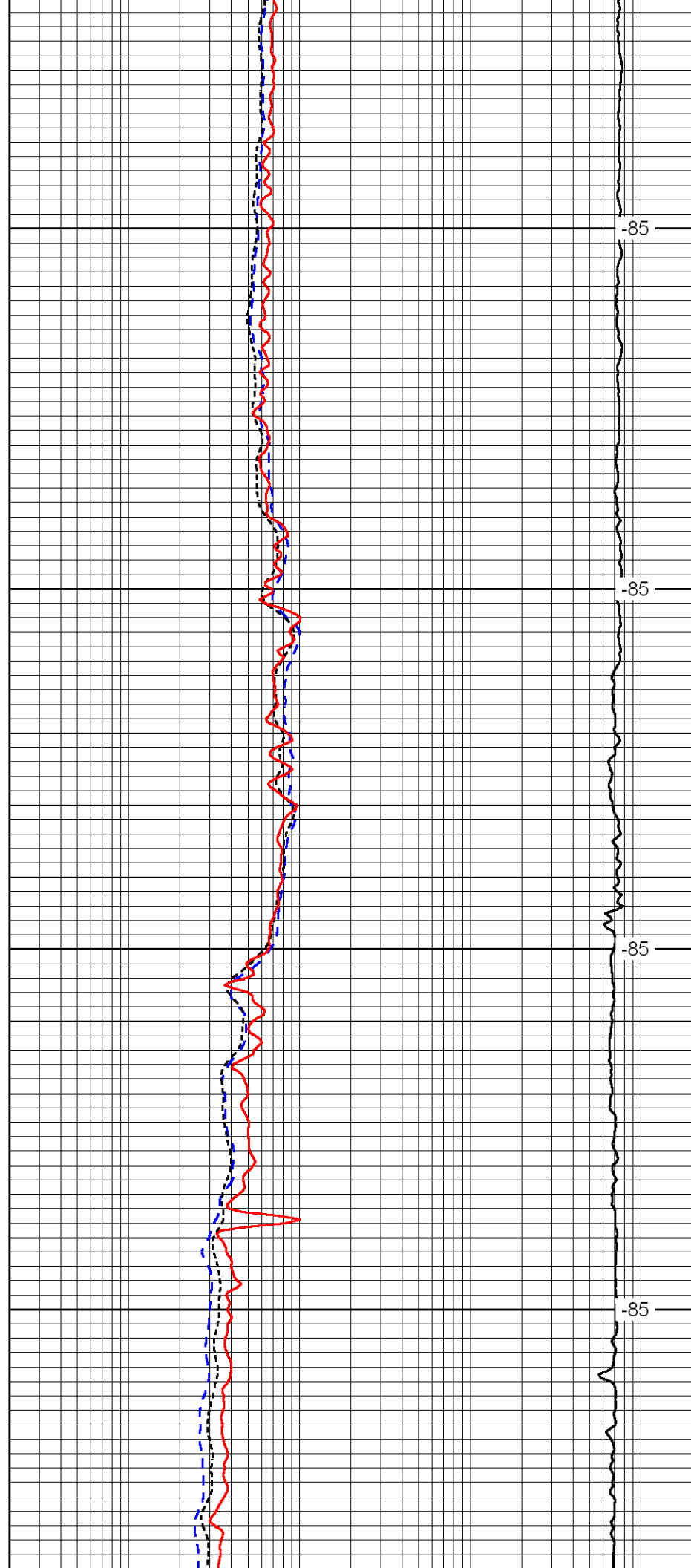


850

900

950

1000

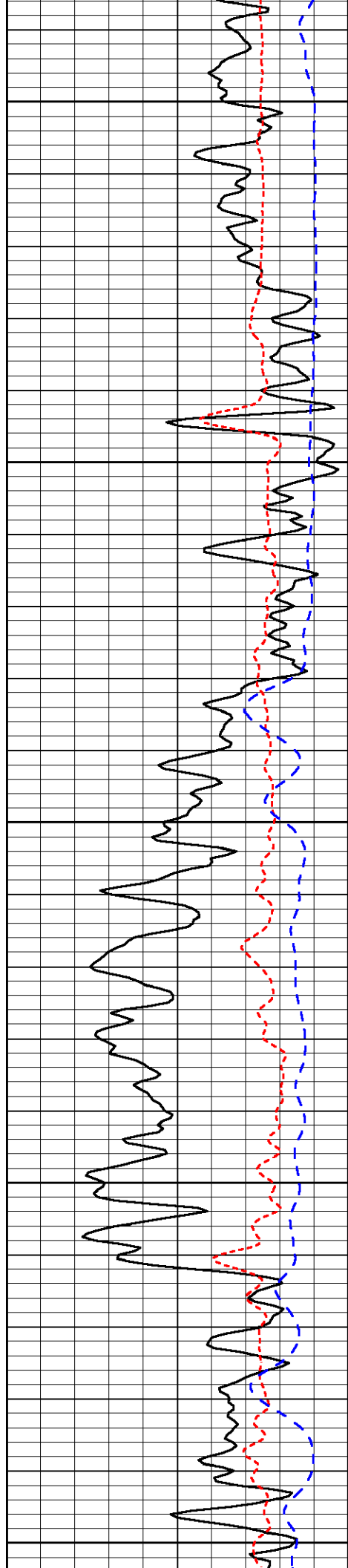


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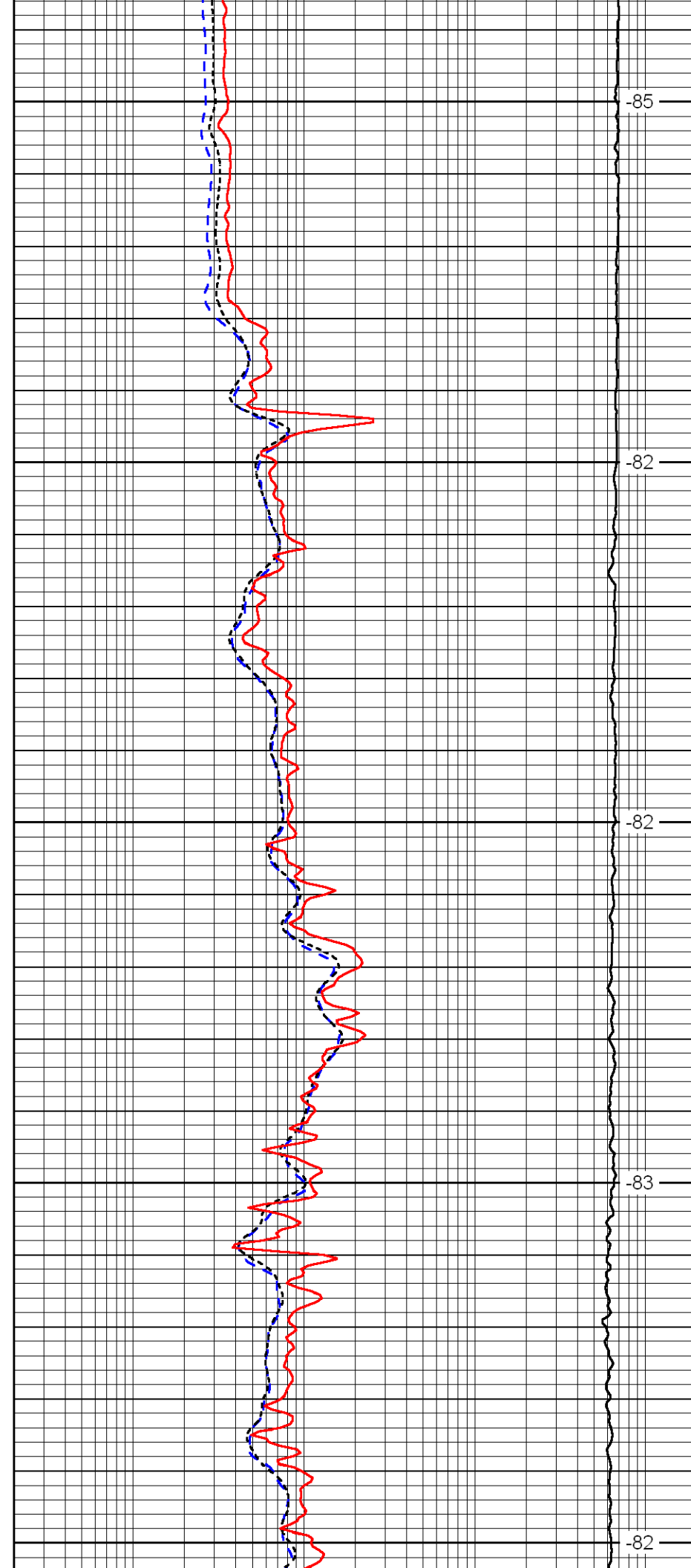
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1100

1150

1200

1250



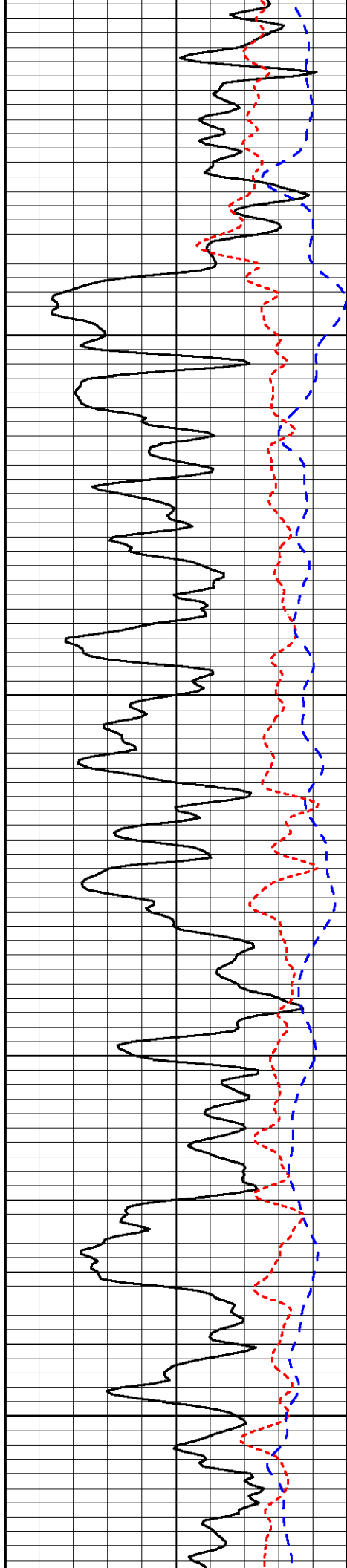
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-82

-82

-83

-82

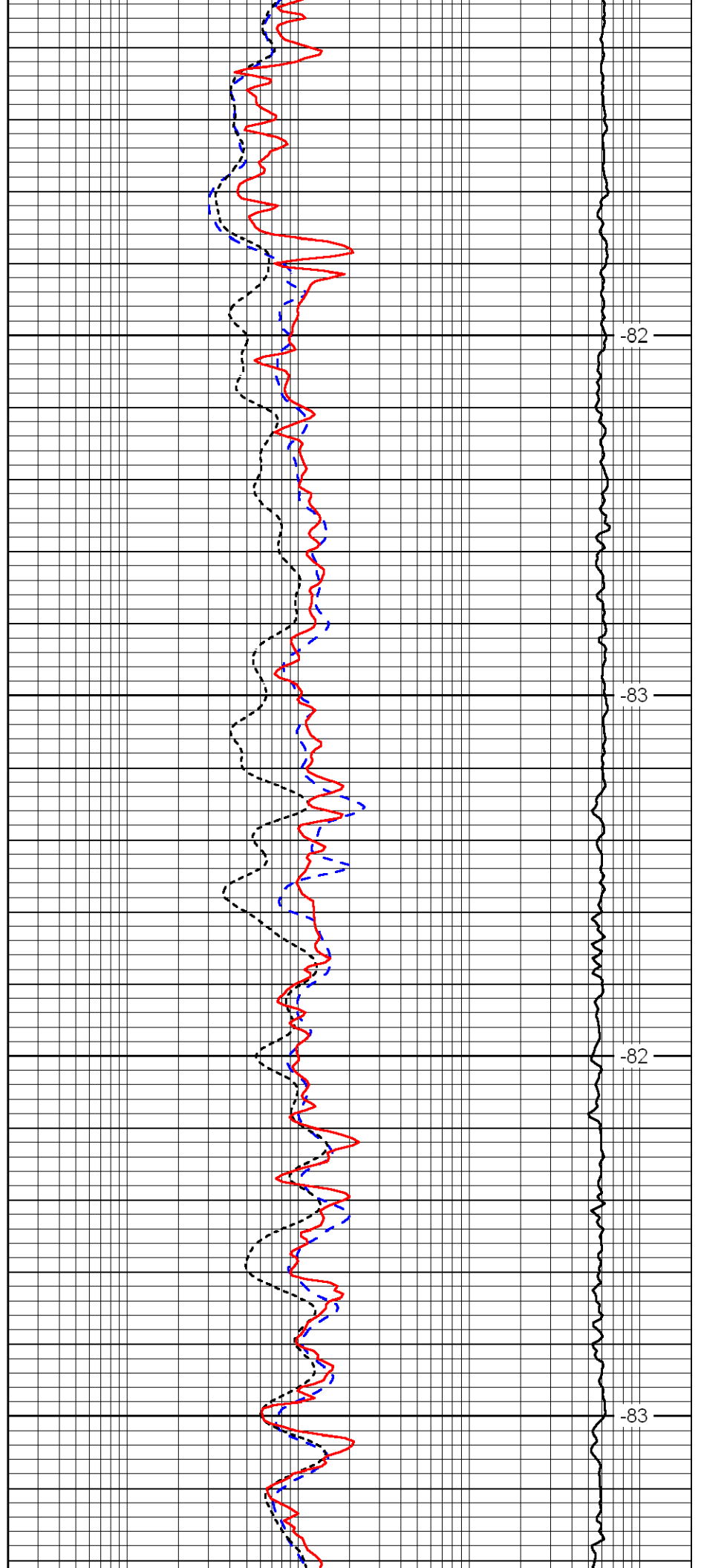


1300

1350

1400

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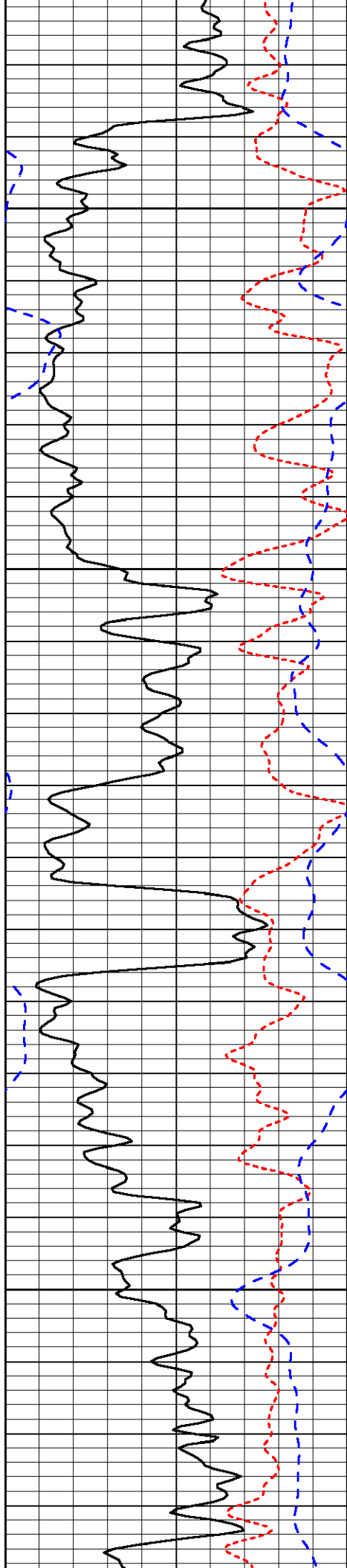


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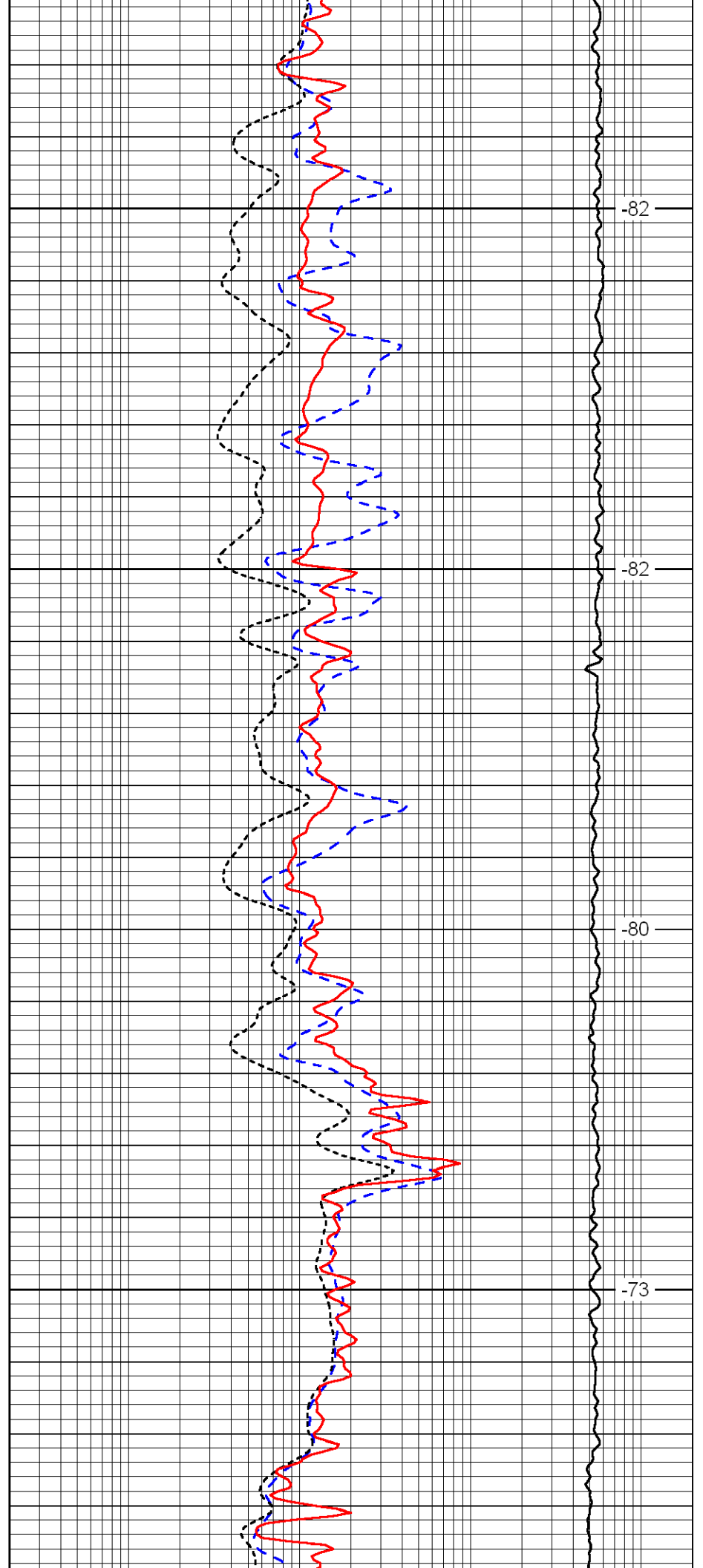


1500

1550

1600

1650

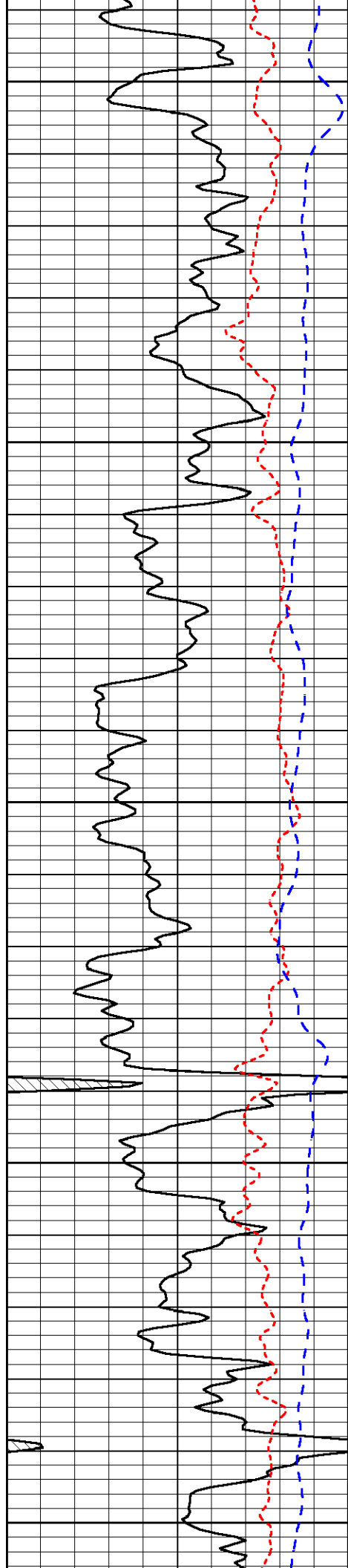


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-80

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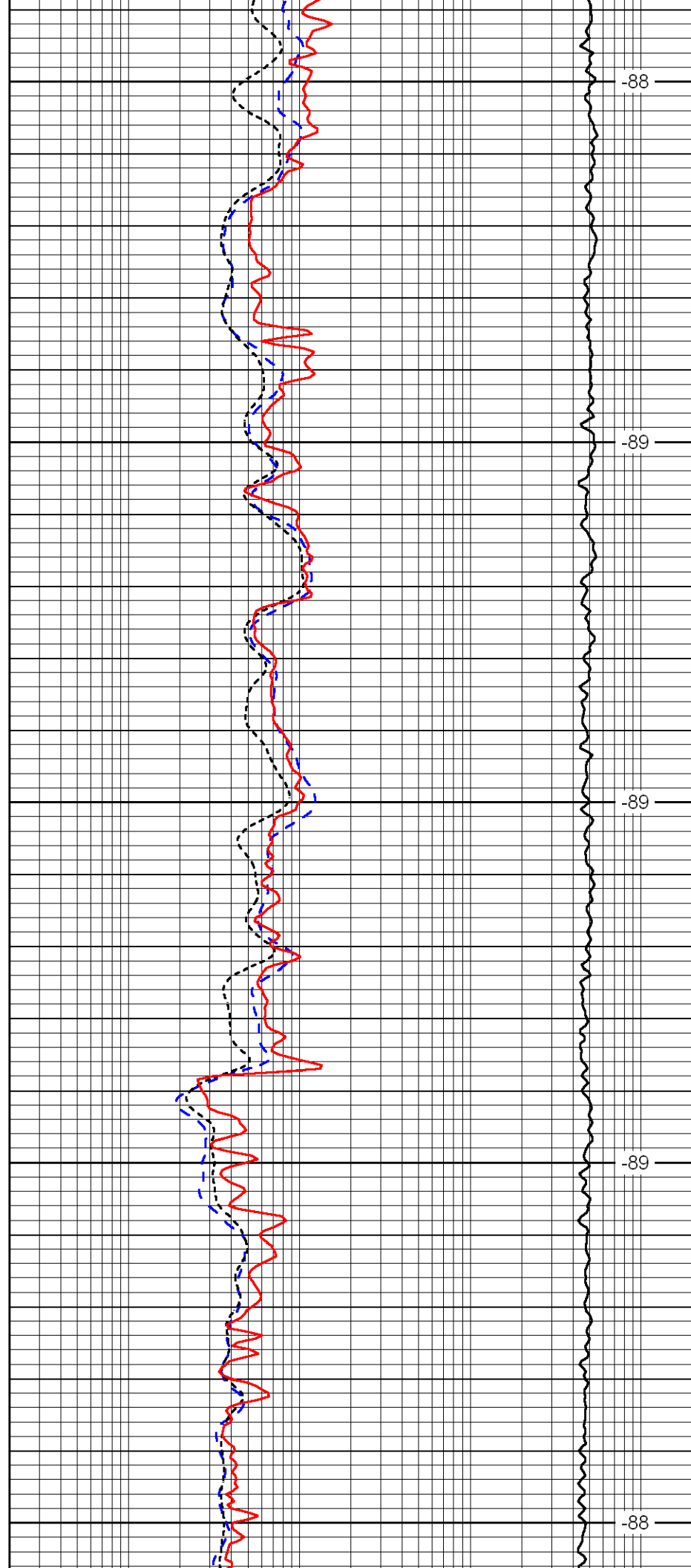
1700

1750

1800

1850

1900



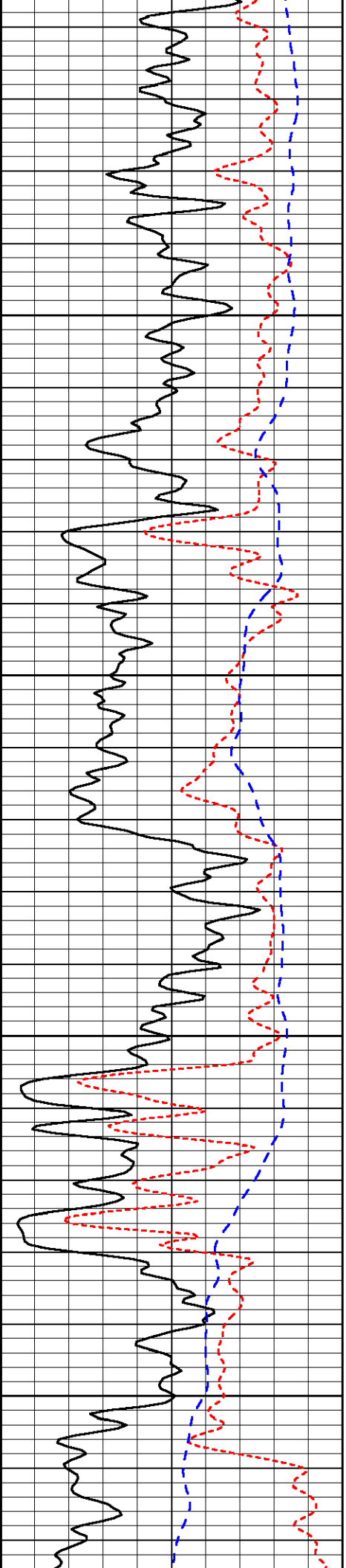
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-89

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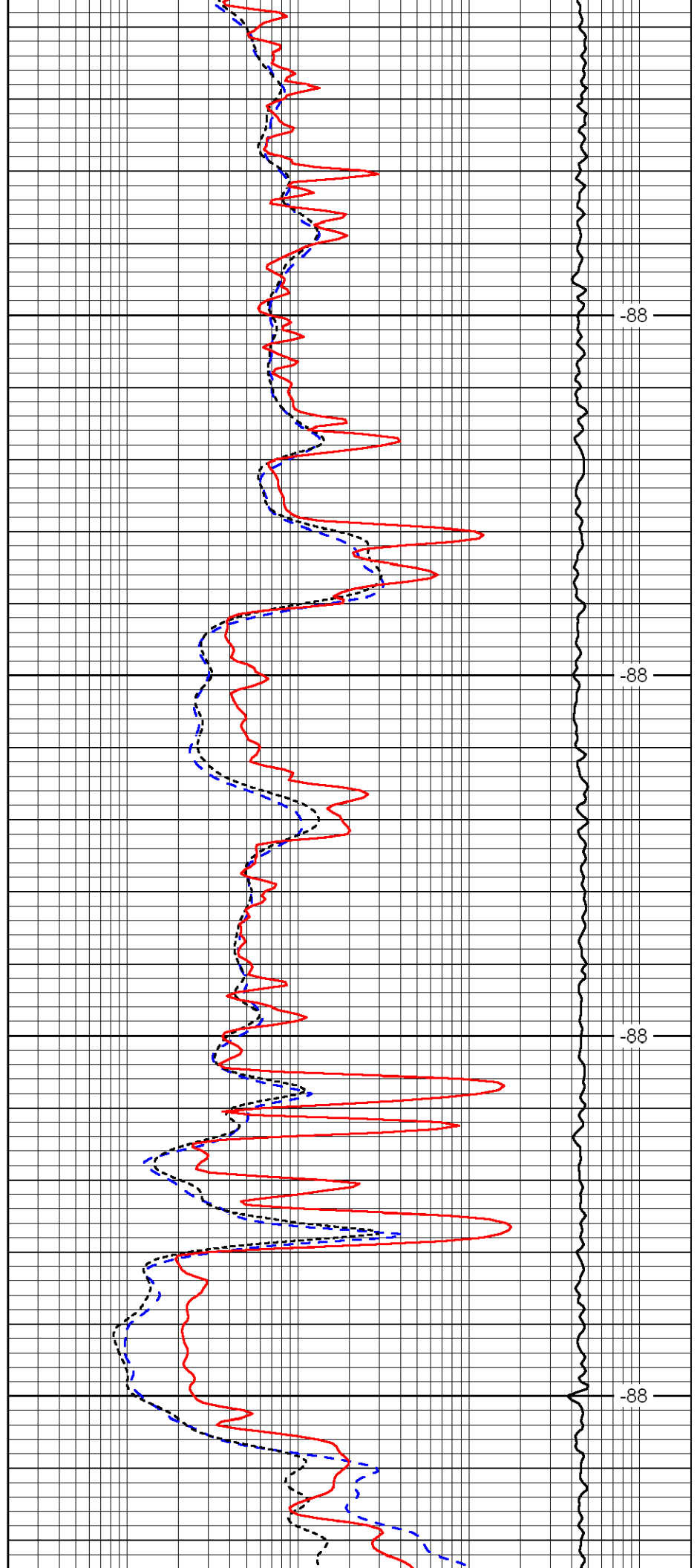


1950

2000

2050

2100

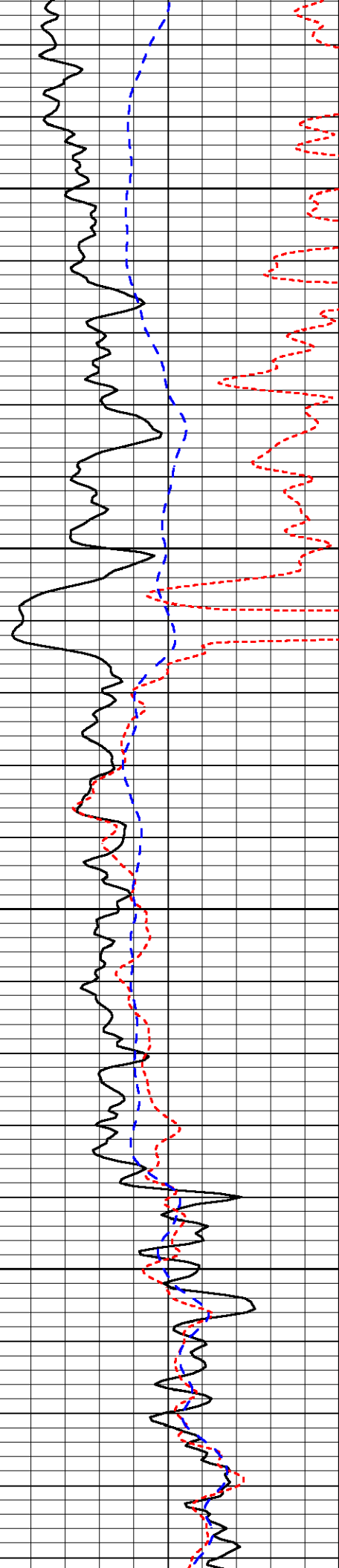


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-88

-88

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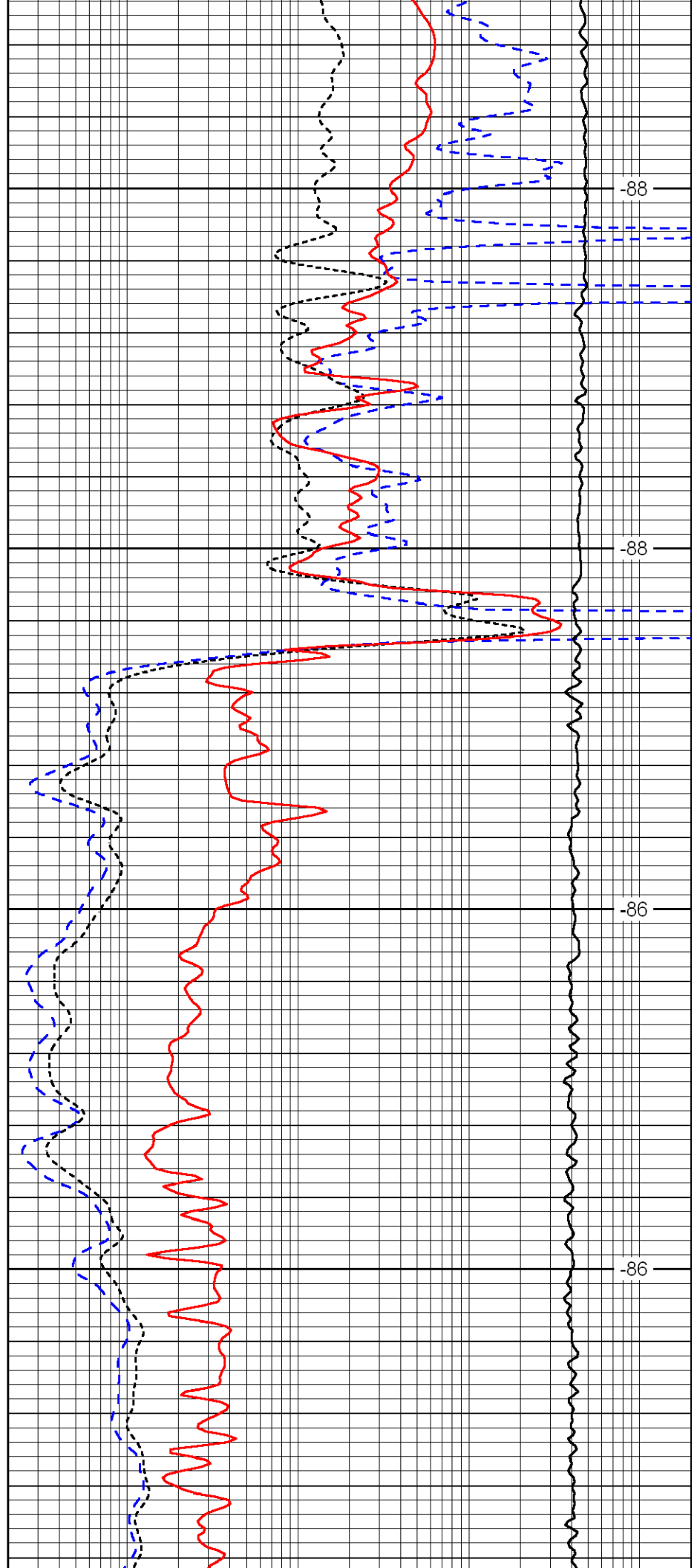


2150

2200

2250

2300

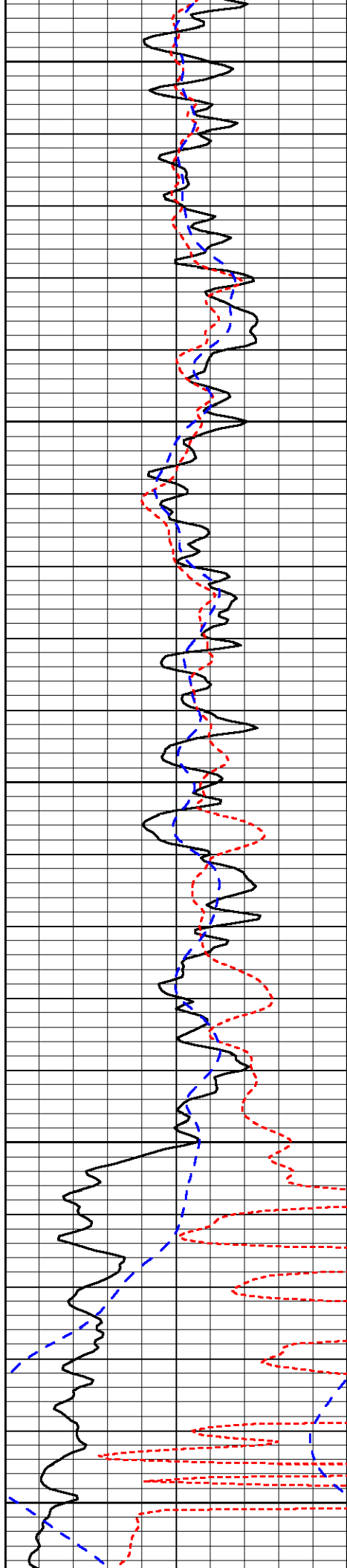


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-88

-86

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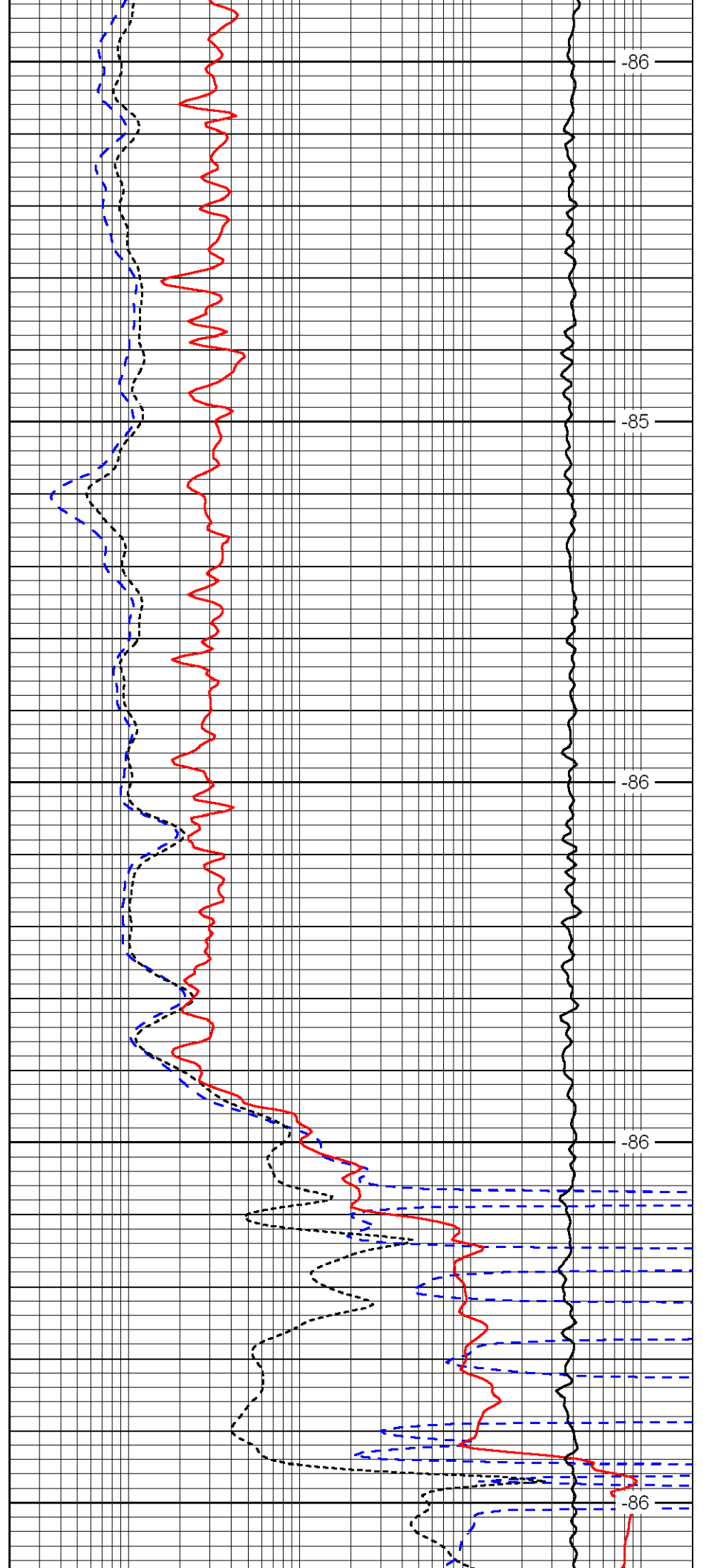
2350

2400

2450

2500

2550



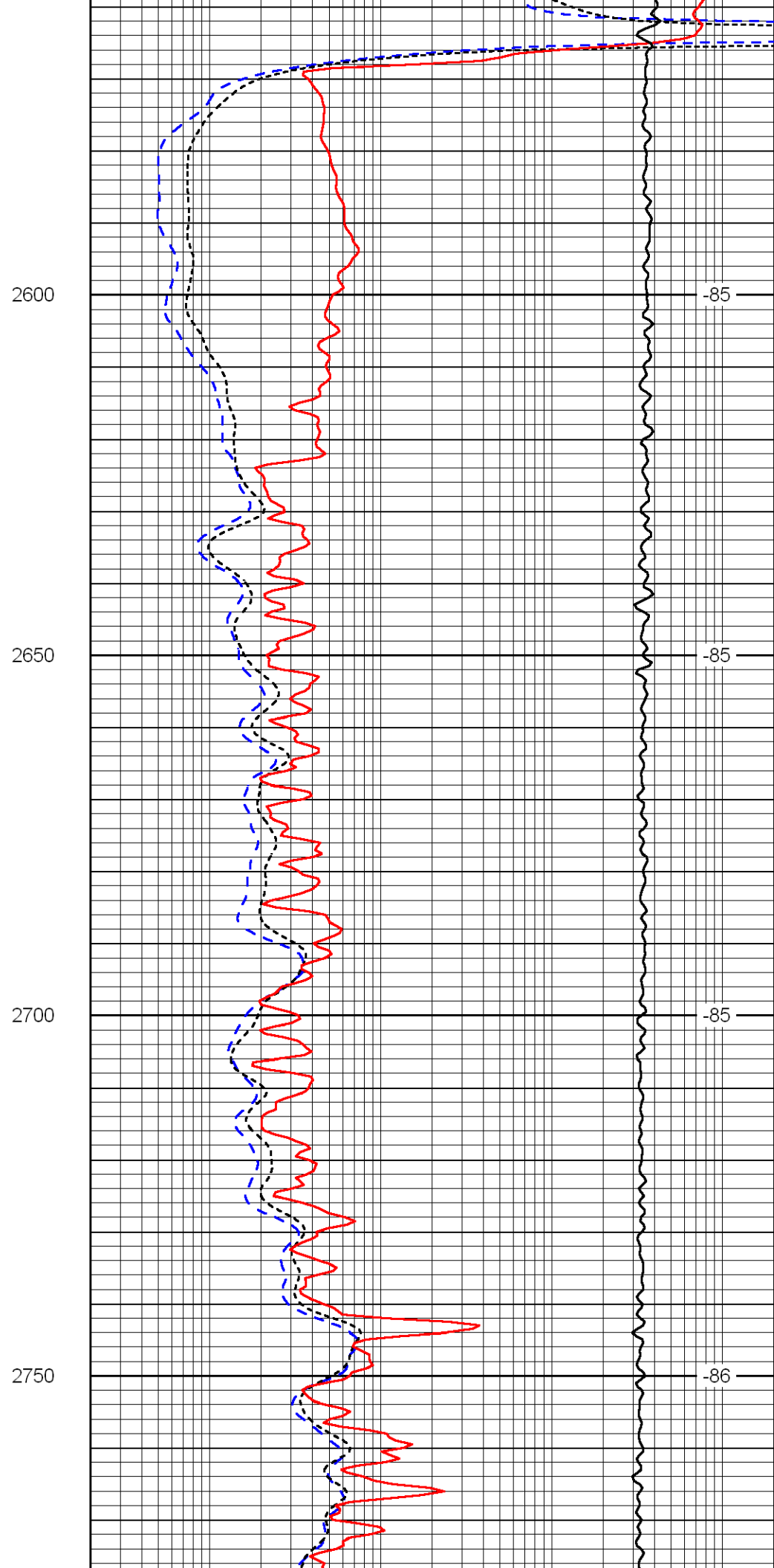
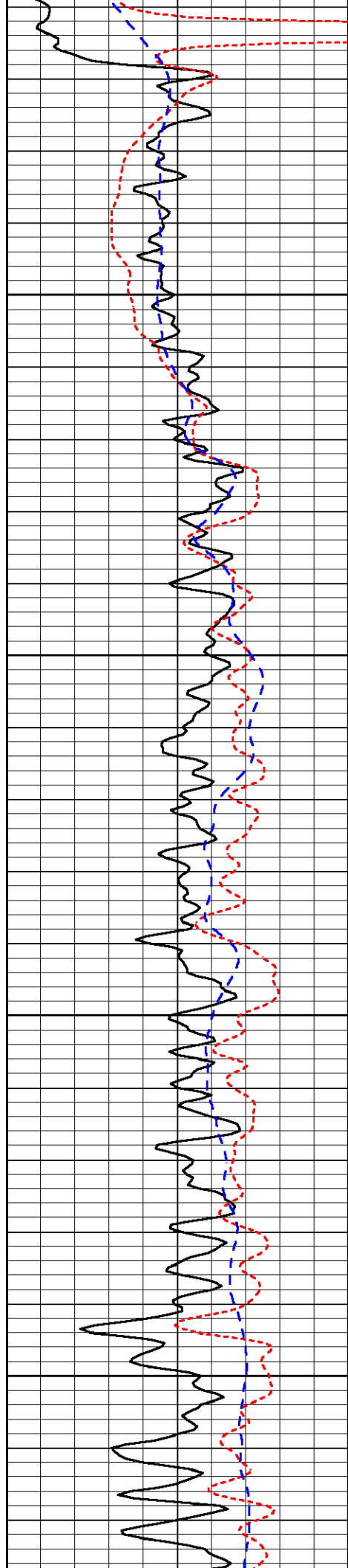
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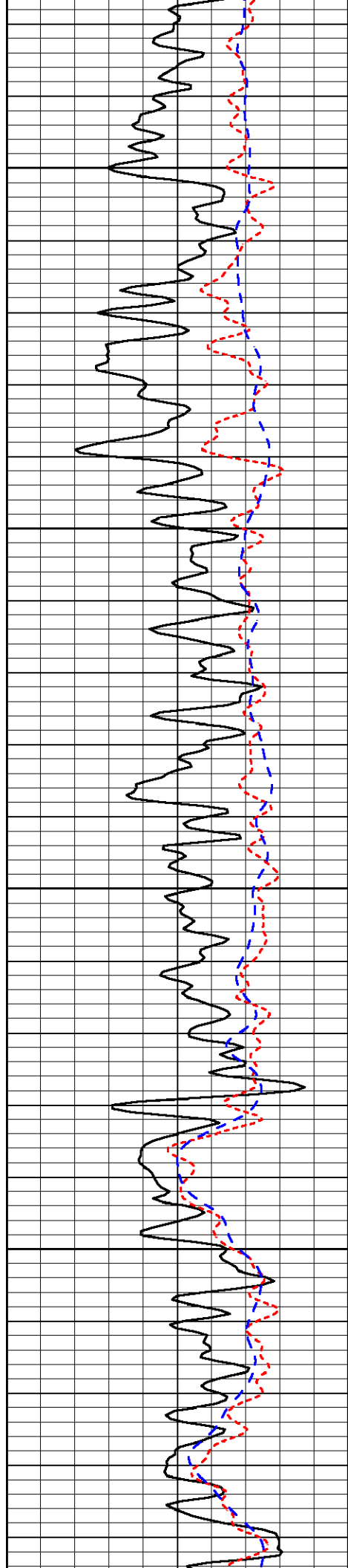
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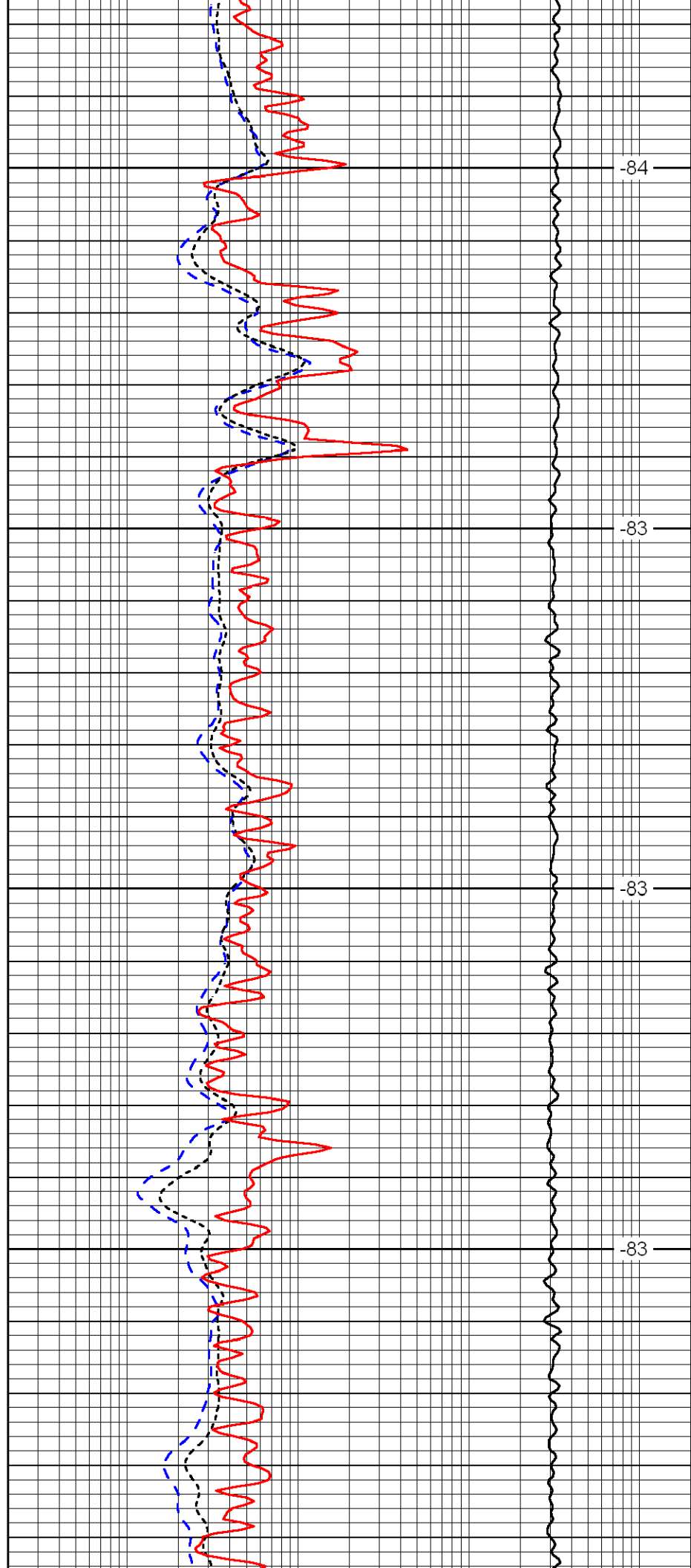


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2850

2900

2950

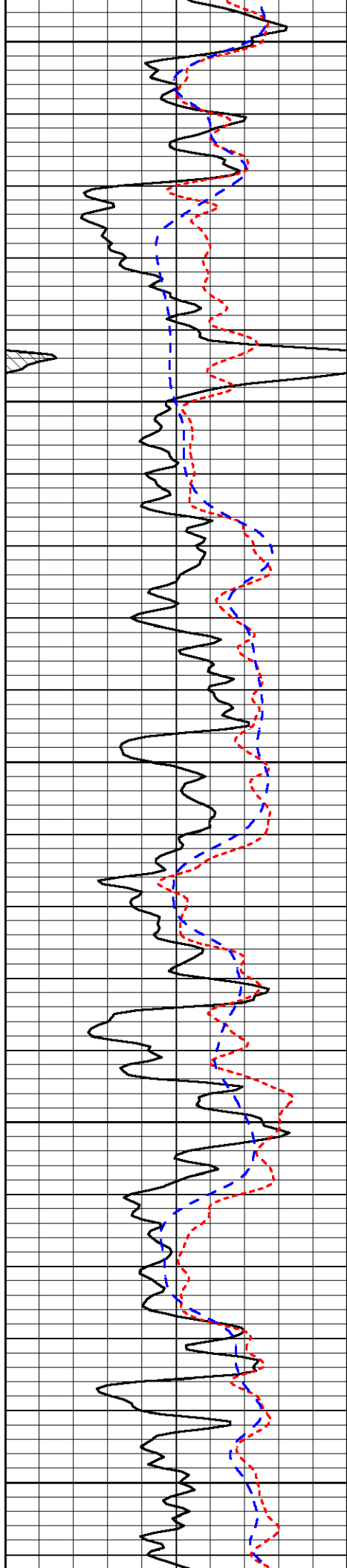


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-83

-83

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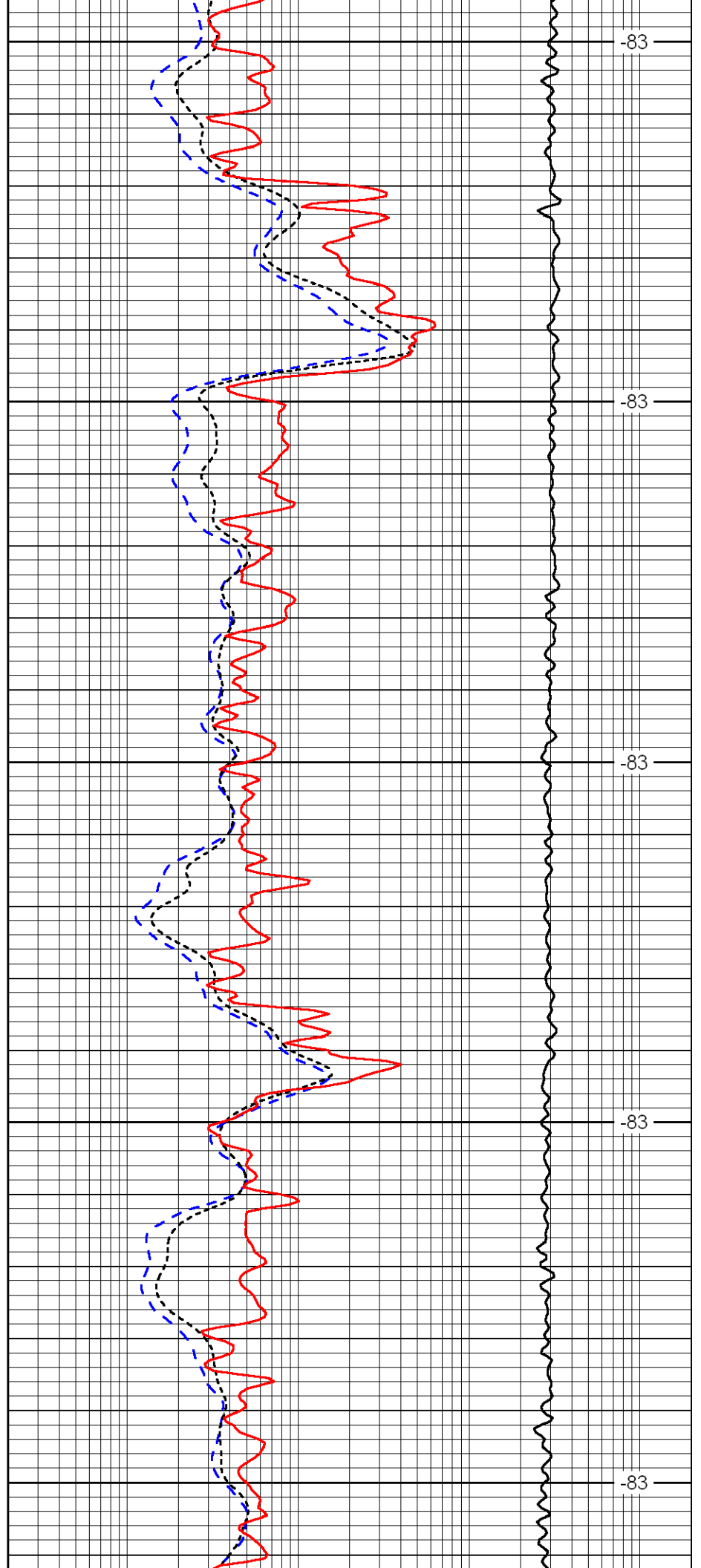
3000

3050

3100

3150

3200



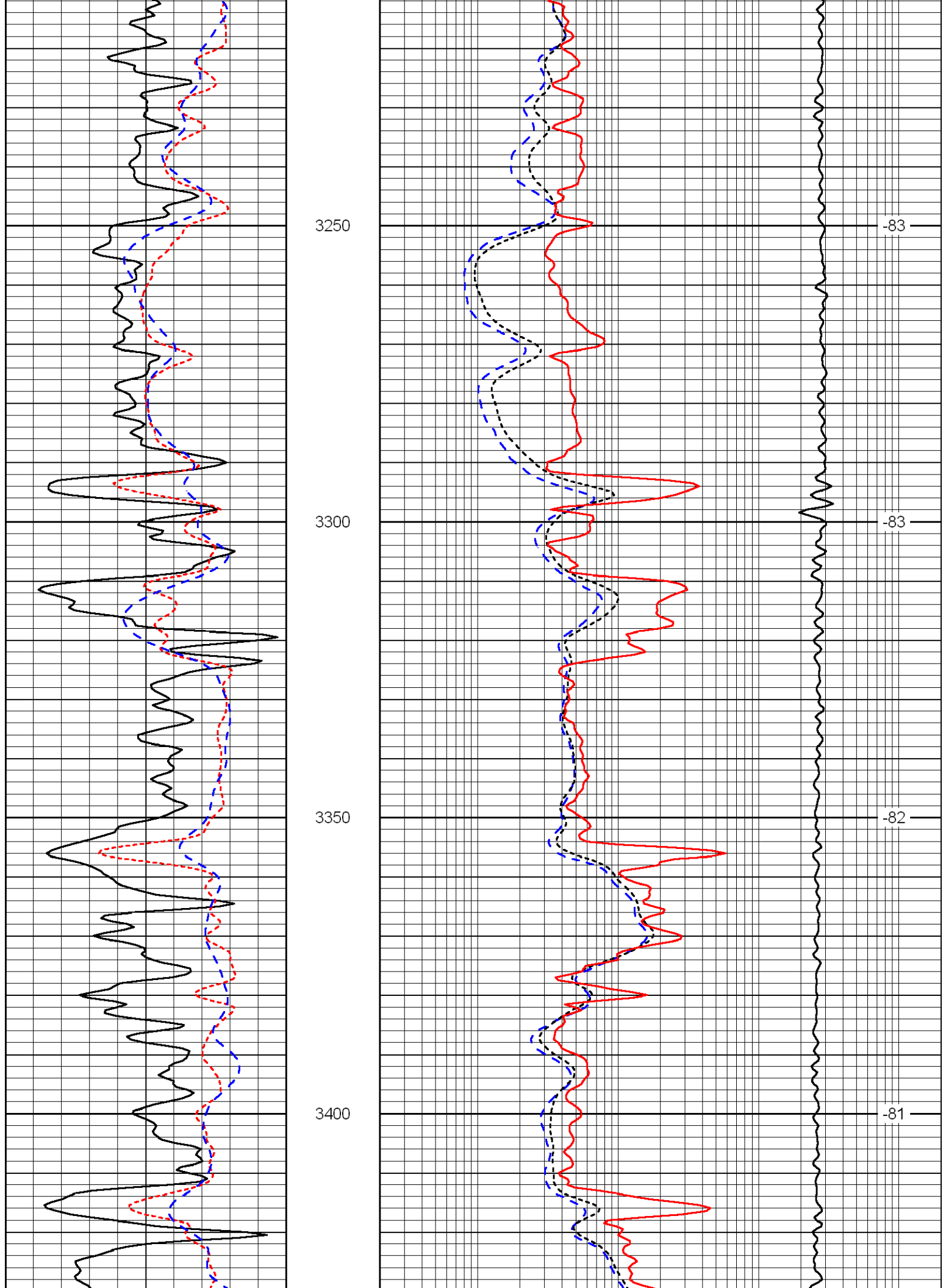
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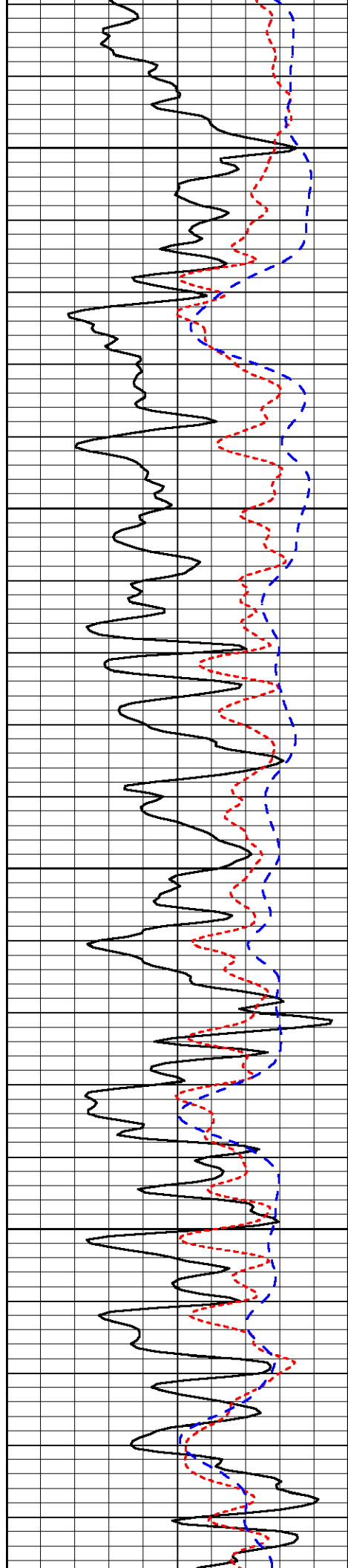
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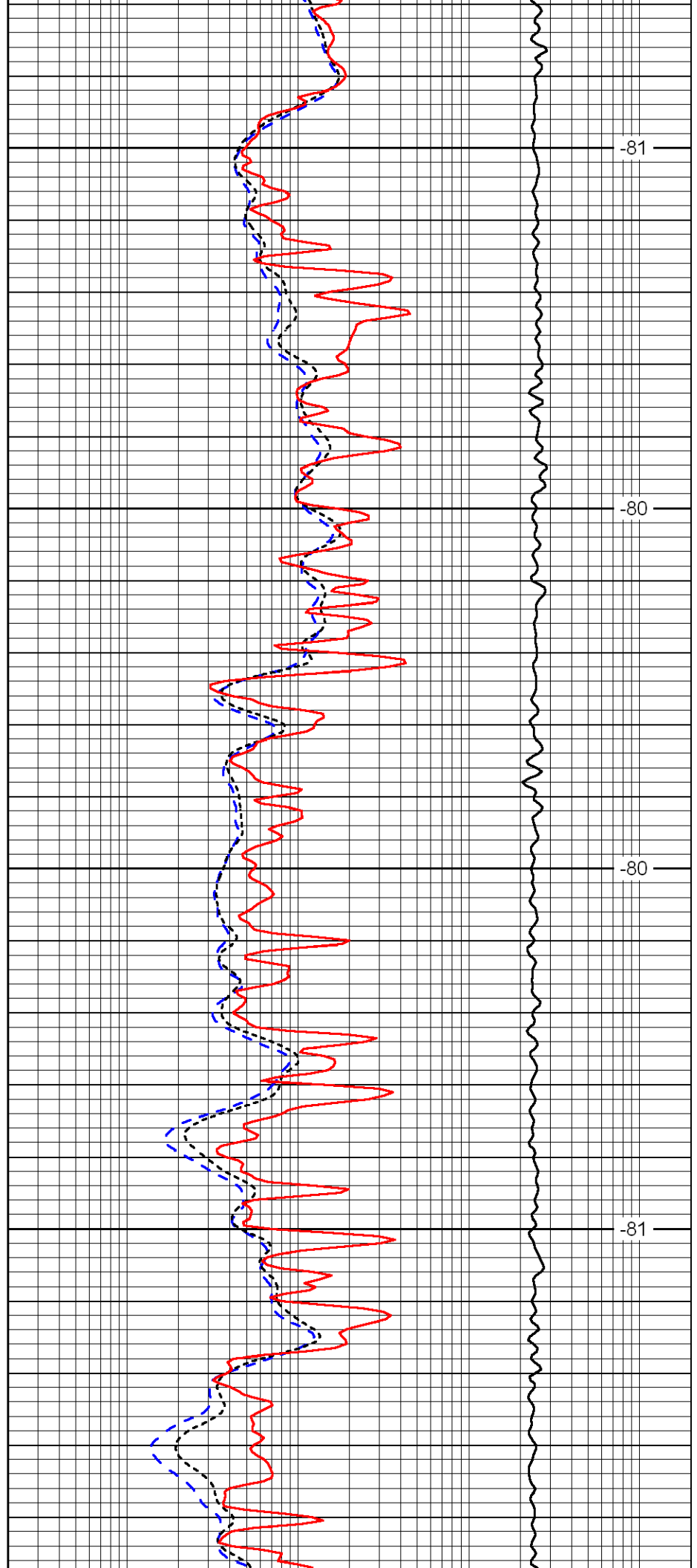


3450

3500

3550

3600

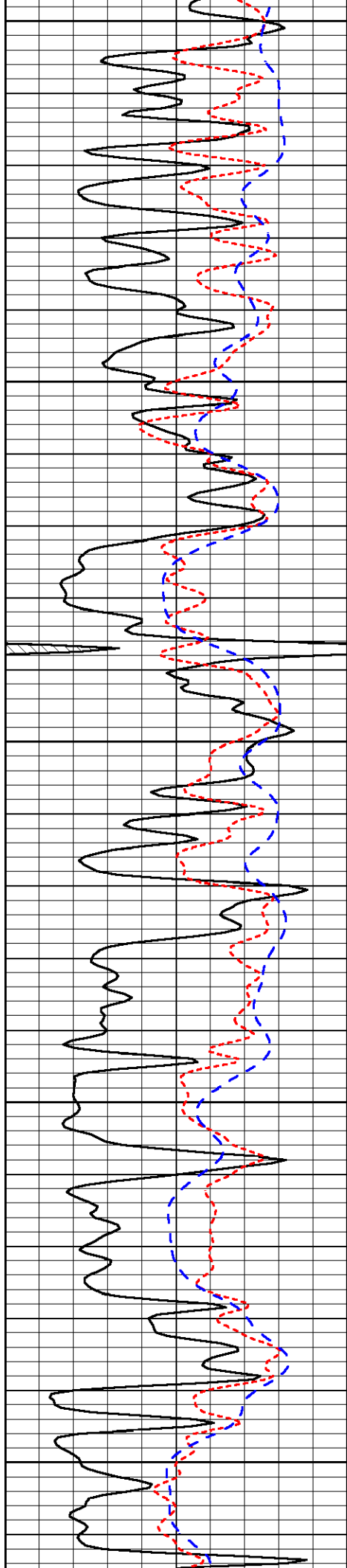


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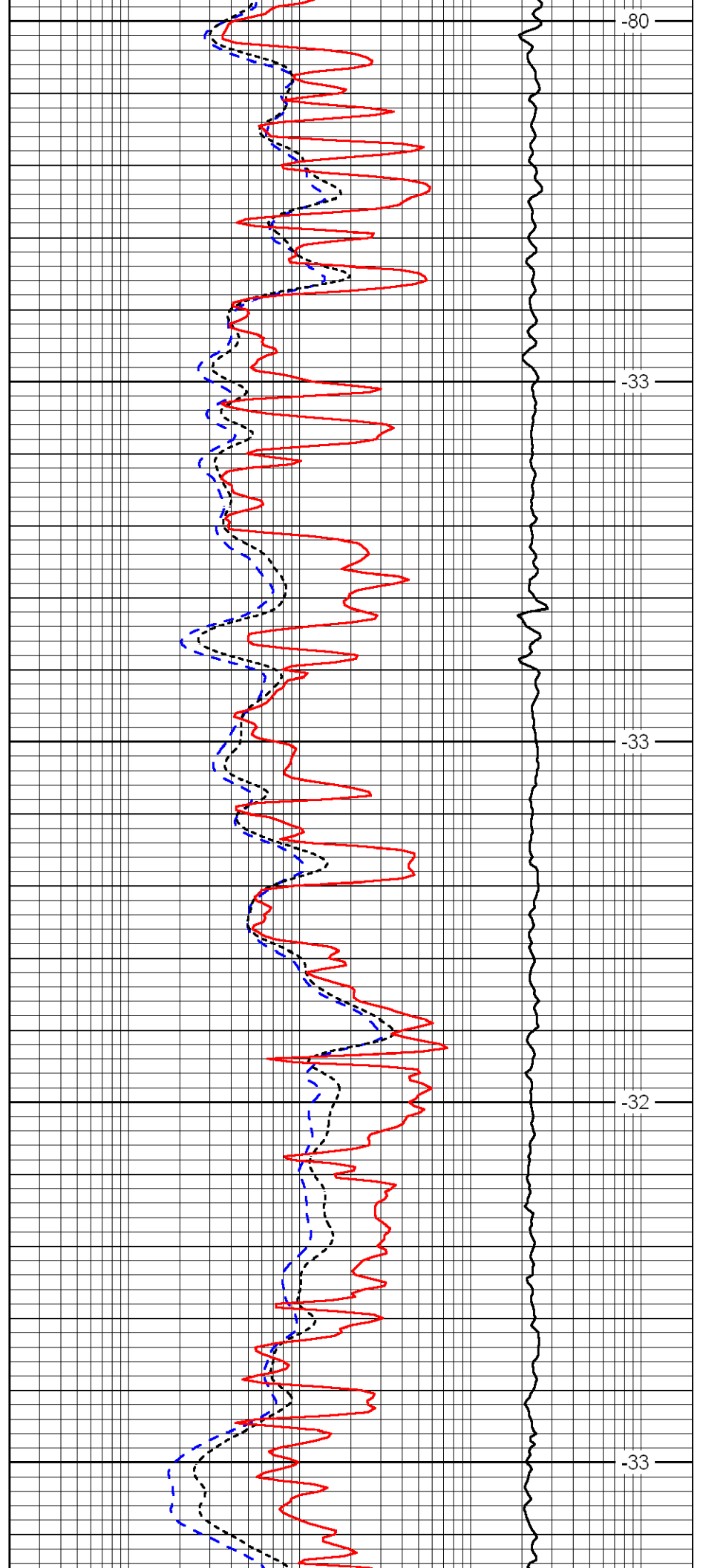
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3750

3800

3850



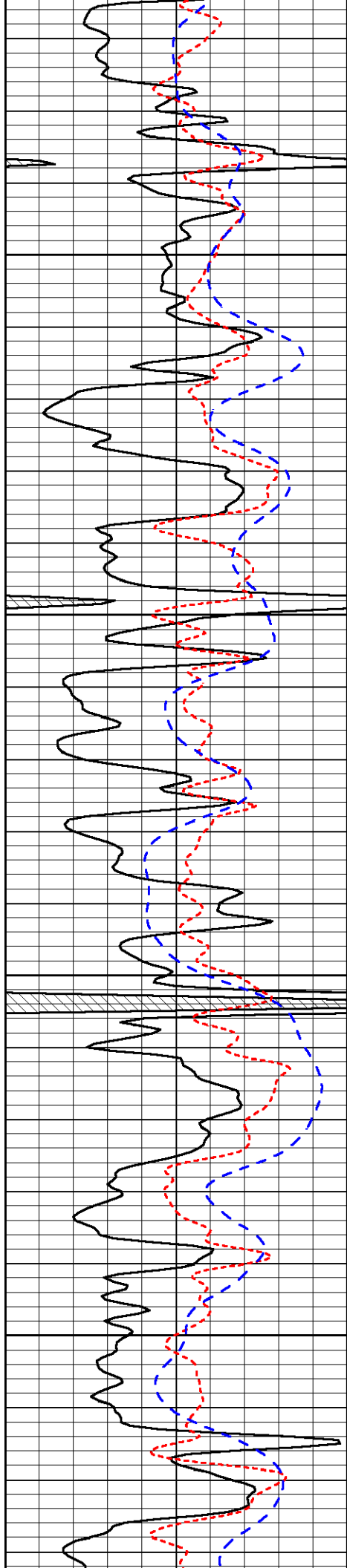
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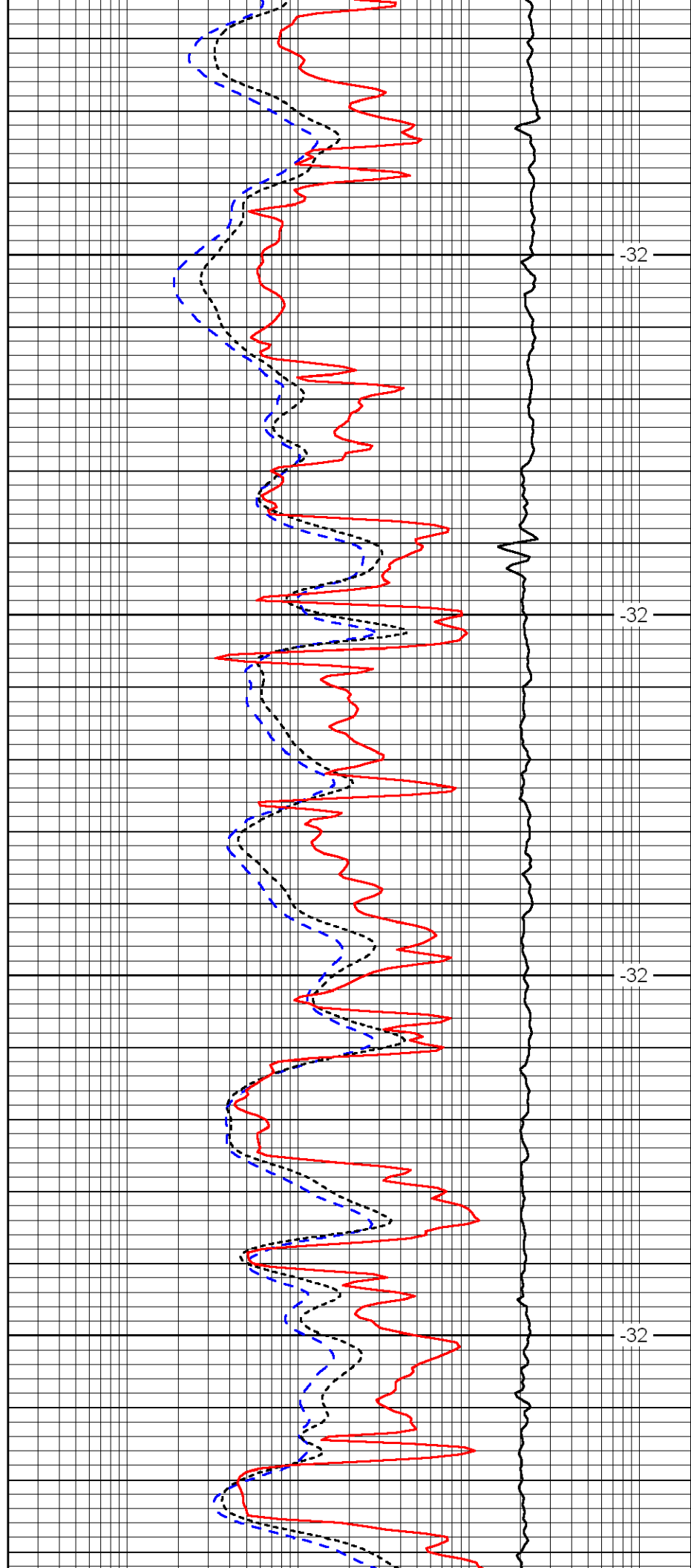


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3950

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4050

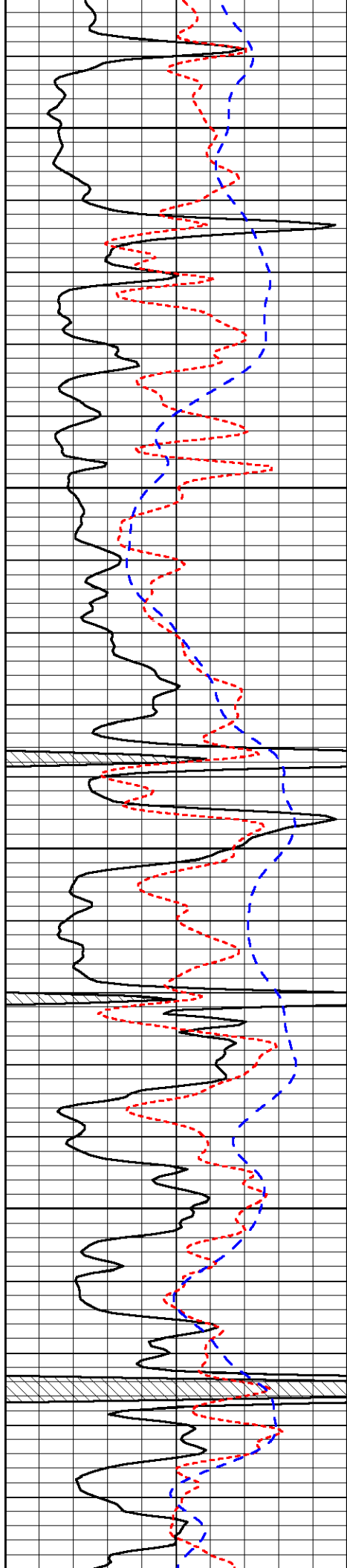


-32

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-32

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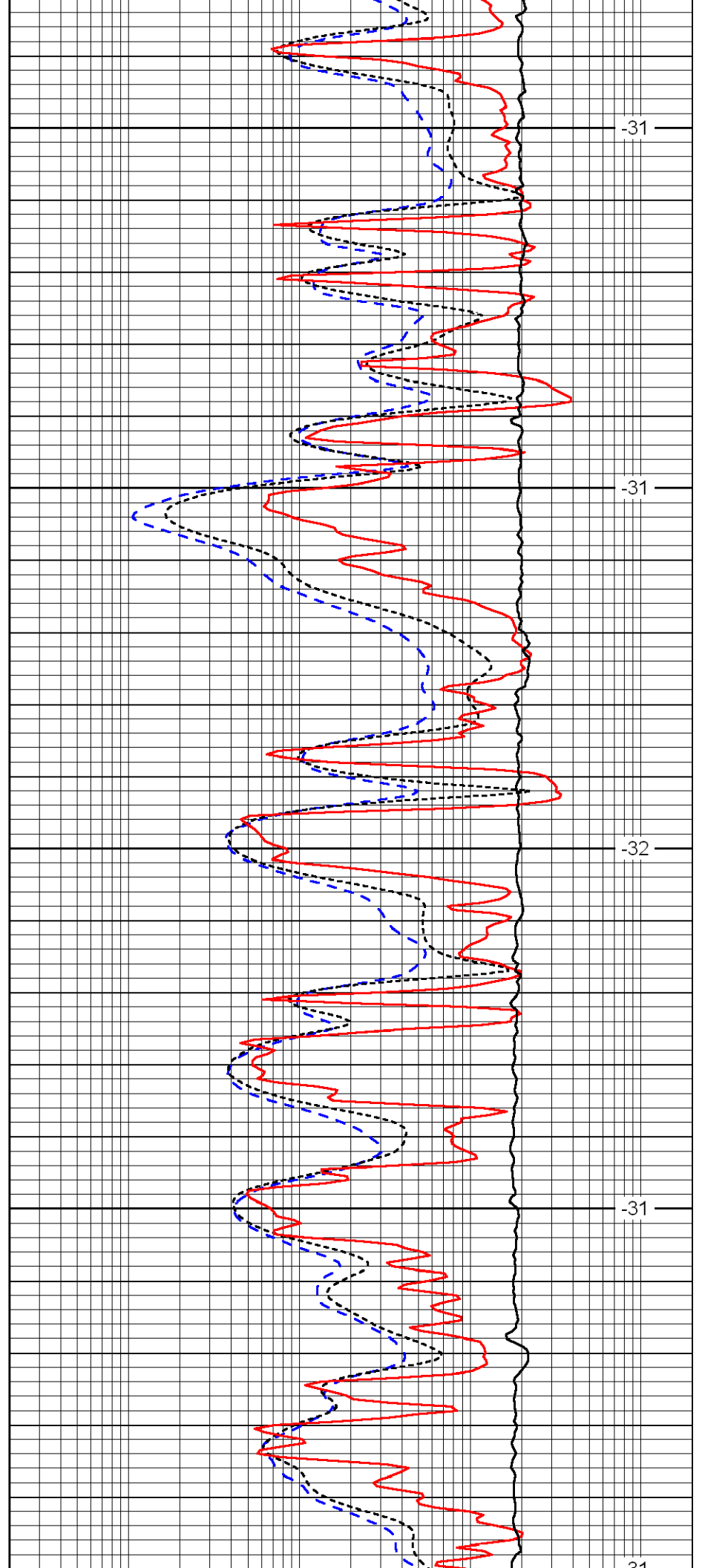
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4150

4200

4250

4300



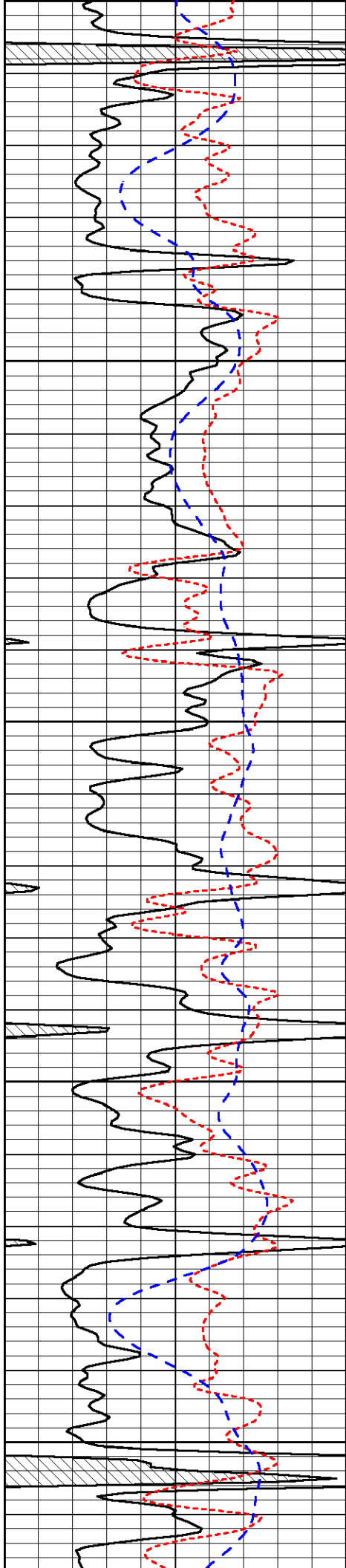
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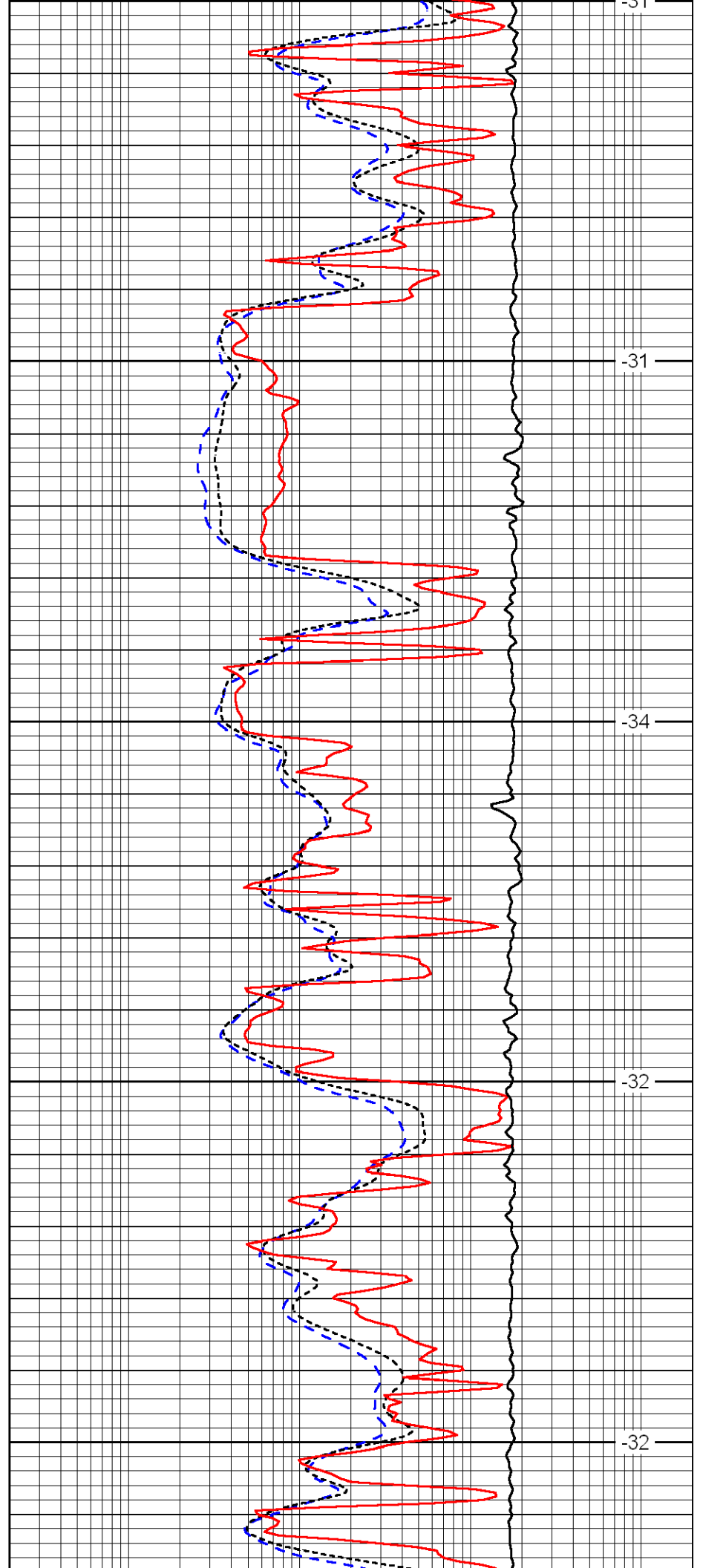
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4400

4450

4500



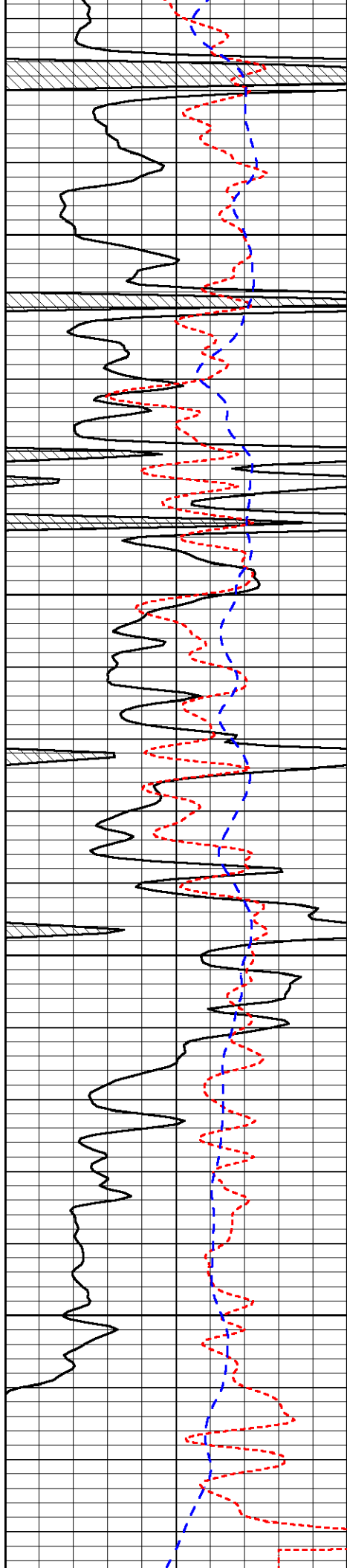
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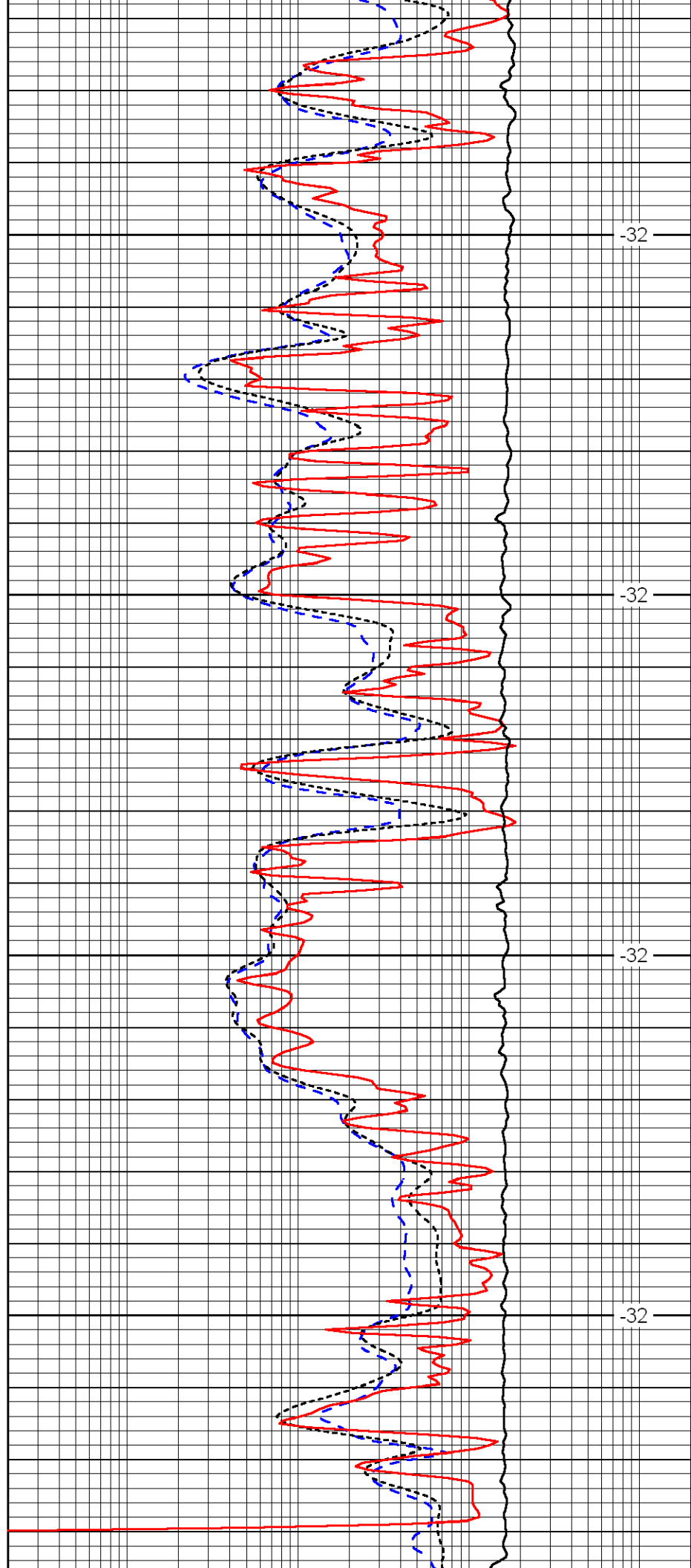


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4650

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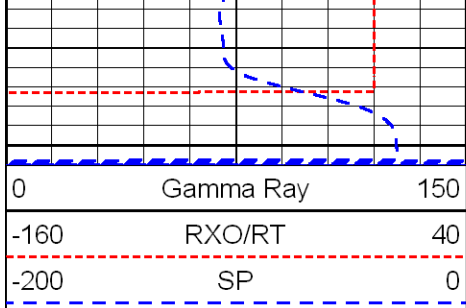


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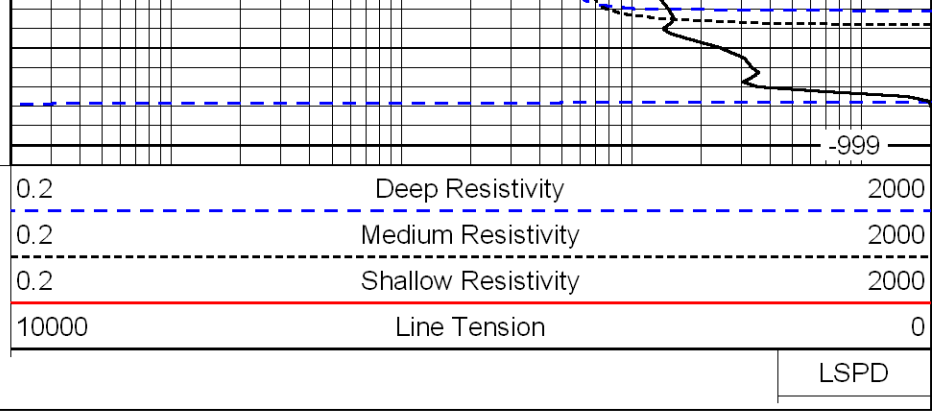
-32

-32

-32



4750



LSPD